

**Repairing of EWS/MIG Quarters at**  
**Shivpur, Varanasi**

**TENDER No: - HERP/CIVIL/REV/112/17-18**  
**(Part-I – Registration Documents)**



**CIVIL MAINTENANCE DEPARTMENT**  
**HEAVY EQUIPMENT REPAIR PLANT**  
**BHARAT HEAVY ELECTRICALS LIMITED**  
**VARANASI – 221003 (U.P)**

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### **PART-I: REGISTRATION DOCUMENTS (Separate envelope)**

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Name & Signature of Bidder



	<b>Annexure-VI</b> <u>Guidelines to Contractors</u> <u>filling up the Registration Form</u>	<b>Document No.</b>	<b>AA:MM:SR:01</b>
		<b>Revision No.</b>	<b>01</b>
		<b>Page No.</b>	<b>I of II</b>

1. Registration Form may be obtained from BHEL website [www.bhel.com](http://www.bhel.com).
2. Any clarification with respect to procedure for registration may be obtained from the Supplier Development Cell of respective BHEL unit/ Power sector Region.
3. The Contractor Registration Form has three sections:


**Section-I: COMPANY PROFILE AND GENERAL INFORMATION**

**Section-II : RESOURCES OWNED BY THE COMPANY**

**Section-III : WORK EXPERIENCE**

For each of the Work experience format filled up, the following needs to be attached:

- i) Self attested Copy of Work Order/Award letter and allied documents containing interalia (a) Brief Description of work, (b) Value of Contract (c) Time schedule
  - ii) Completion Certificates (Any one of the following):
    - a) Self attested copies of Work Completion Certificates issued by Owner or agency who has awarded the contract. BHEL reserves the right to verify the authenticity of the document from the originator. Hence kindly see that all contractual details are available in the completion certificates to lend easy verification if required.
    - b) Self attested copies of Protocol signed by Client and Owner, indicating the completion/achievement/execution of the Milestone achieved
    - c) Self attested copies of „Final Bill“ verified by Client/Customer which indicates the Quantum of work not less than that specified in Basic QR
    - d) Documentary evidence issued by Owner/Client, indicating the progress of Work achieved not less than that specified in the Basic QR even if the total contract is not completed/closed
  - iii) Relevant documents for each „WORK EXPERIENCE“ format being filled up are to be submitted.
4. All columns are to be filled up properly in the space provided for. Wherever it is not applicable, please mention “Not Applicable”. The form is to be signed by the authorised signatory.
  5. A separate sheet may be attached if the space provided is insufficient or additional information is to be given. Please put proper identification tag on the separately attached sheet.
  6. Any information / clarification required by BHEL during evaluation must be given expeditiously.
  7. Please ensure that all required enclosures are attached with the filled up Supplier Registration Form and list of enclosures is given as required.
  8. Incomplete forms will be rejected.
  9. Please fill up the check- list given below and send along with the Supplier Registration Forms to BHEL.
  10. Please note that if you are registered and participate in Tender process and qualify to get order from BHEL, your performance based on Quality of your product, delivery performance and service rendered will be evaluated inline with Annexure VIII (page 4 of 4).
  11. If you are attaching a document in a language other than English, a self attested English translated document may please be also attached.

	<b>Annexure-VI</b> Check List for Contractor Registration Form	<b>Document No.</b>	<b>AA:MM:SR:01</b>
		<b>Revision No.</b>	<b>01</b>
		<b>Page No.</b>	<b>II of II</b>

Sl.No.	Check-Point	Yes/No
1.	<b>Information against all points under “Organizational Information “ has been given.</b>	
2.	<b>All enclosures and supporting documents have been enclosed.</b>	
3.	<b>Technical requirements, specifications, drawings ,standards have been received from BHEL before filling up Technical Competence.</b>	
4.	<b>All the parts of the form &amp; enclosures have been signed by Authorised Signatory.</b>	

**Signature & seal**

**Date :**

(Authorised Signatory)

**Note:** This check list is to be attached with the filled up Contractor Registration Form.

## BHARAT HEAVY ELECTRICALS LIMITED CONTRACTOR REGISTRATION FORM

### SECTION-I: Company Profile & Organisational Information

#### 1.1 GENERAL INFORMATION

Sl No	Detail/Particulars	Remarks by BHEL, if any
1.1.1	<b><u>Name of Company seeking Registration:-</u></b>	
1.1.1a	Work description/package for which registration is sought.	Package code to be given by BHEL
1.1.2	Date of Incorporation/Establishment :- (Please attach Certificate of Incorporation)	
1.1.3	<b><u>Registered Office Address:-</u></b>  <ul style="list-style-type: none"> <li>➤ Tel No :</li> <li>➤ Fax No :</li> <li>➤ Email ID:</li> <li>➤ Web site :</li> </ul>	
1.1.4	<b><u>Head Office Address:-</u></b>  <ul style="list-style-type: none"> <li>➤ Tel No :</li> <li>➤ Fax No :</li> <li>➤ Email ID:</li> <li>➤ Web site :</li> </ul>	
1.1.5	<b><u>Mailing Address:-</u></b>  <ul style="list-style-type: none"> <li>➤ Tel No :</li> <li>➤ Fax No :</li> <li>➤ Email ID:</li> <li>➤ Web site :</li> </ul>	
1.1.6	<b><u>Officer to be contacted for clarification on CONTRACTOR Empanelment:-</u></b> Name & Address  <ul style="list-style-type: none"> <li>➤ Tel No :</li> <li>➤ Fax No :</li> <li>➤ Email ID:</li> </ul>	

## BHARAT HEAVY ELECTRICALS LIMITED CONTRACTOR REGISTRATION FORM

### SECTION-I: Company Profile & Organisational Information

		Remarks by BHEL, if any
1.1.7 i	<p><b><u>Branches:-</u></b> Address:-</p> <p>➤ Contact Person: ➤ Tel No : ➤ Fax No : ➤ Email ID :</p>	
ii	<p>Address:-</p> <p>➤ Contact Person: ➤ Tel No : ➤ Fax No : ➤ Email ID :</p>	
iii	<p>Address:-</p> <p>➤ Contact Person: ➤ Tel No : ➤ Fax No : ➤ Email ID :</p>	
1.1.8 i	<p><b><u>Sister Concerns if any:-</u></b> Address:-</p> <p>➤ Contact Person: ➤ Tel No : ➤ Fax No : ➤ Email ID : ➤ Web site :</p>	
ii	<p>Address:-</p> <p>➤ Contact Person: ➤ Tel No : ➤ Fax No : ➤ Email ID : ➤ Web site :</p>	

## BHARAT HEAVY ELECTRICALS LIMITED CONTRACTOR REGISTRATION FORM

### SECTION-I: Company Profile & Organisational Information

#### 1.2 OWNERSHIP INFORMATION

1.2.1	TYPE OF COMPANY (please tick “√” <b>any one</b> applicable)	Documents to be submitted	Remarks by BHEL, if any
i	Govt of India Undertaking <input type="checkbox"/>		
ii	State Govt Undertaking <input type="checkbox"/>		
iii	Public Limited Company <input type="checkbox"/>	Memorandum and Articles of Association	
iv	Private Limited Company <input type="checkbox"/>	Memorandum and Articles of Association	
v	Co-operative Society <input type="checkbox"/>	Society Rules and Byelaws	
vi	Partnership Firm <input type="checkbox"/>	Partnership deed	
vii	Proprietorship <input type="checkbox"/>	Professional Tax Registration & Municipal Registration	
viii	Any Other (specify) <input type="checkbox"/>	Supporting docuemnts	

1.2.2	DIRECTOR/PARTNER/OWNER/PROPRIETOR INFORMATION	Position Held In Company	Remarks by BHEL, if any
i			
ii			
iii			
iv			

## BHARAT HEAVY ELECTRICALS LIMITED CONTRACTOR REGISTRATION FORM

### SECTION-I: Company Profile & Organisational Information

#### 1.3 REGISTRATION PARTICULARS

Sl No	Description ( PLEASE INDICATE PARTICULARS IN THE SPACE PROVIDED FOR EACH)	Required for	Documents to be submitted	Remarks by BHEL, if any
a	INCOME TAX (PERMANENT AC NO):-	All categories	Copy of Certificate	
b	SERVICE TAX REGISTRATION	All Categories	Copy of Certificate	
c	<b>Sales Tax VAT Registration Number and Date :</b>			
	1	As applicable	Copy of Certificate	
	2.	As applicable	Copy of Certificate	
	3.	All categories	Copy of Certificate	
	4.	As applicable	Copy of Certificate	
d	PF Registration	All categories	Copy of Certificate	
e	CPWD/Government Organisation	As applicable	Copy of Certificate	
f	Geological Survey Of India/Equivalent	For Geo Tech Investigationsetc	Copy of Certificate	
g	IBR	For Boiler and IBR Piping	Copy of Certificate	
h	Contractorship License for Electrical Works (from any State/Union Territory of India)	For Electrical Works	Copy of Certificate	

1.4	MANPOWER	Remarks by BHEL, if any
A	Organisation Strength ( In number): (please submit Organisation Chart)	

B	List of Key Persons on rolls of the Company		Qualification	Total work experience	Remarks by BHEL, if any
	Category	No of persons in the Company			
i	Resident Managers/Resident Engineers				
ii	Site Engineers (Erection & Commissioning)				
iii	Site Engineers (Quality)				
iv	Site Safety Co-ordinators				
v	Site Supervisors				
vi	Skilled Workmen				
vii	Others				

## BHARAT HEAVY ELECTRICALS LIMITED CONTRACTOR REGISTRATION FORM

### SECTION-I: Company Profile & Organisational Information

#### 1.5 OTHER PARTICULARS

A	Registration with BHEL and Other Firms	Registration/ Empanelment Number	Registration/ Empanelment valid upto	Document to be submitted	Remarks by BHEL, if any
i	BHEL/Northern Region			Documentary evidence	
ii	BHEL/Eastern Region			Documentary evidence	
iii	BHEL Southern Region			Documentary evidence	
iv	BHEL Western Region			Documentary evidence	
v	Electricity Boards			Documentary evidence	
vi	NTPC/other Public Sector/Private Sector			Documentary evidence	
vii	PWD/Railways			Documentary evidence	

B	BANKING DETAILS OF COMPANY		
	Information of Bank Account of Company	Document to be submitted	Remarks by BHEL, if any
	<p>The following information of Bank Account of the Company, duly endorsed by the Bank (required for Electronic Fund Transfer – EFT/RTGS) is to be submitted</p> <ol style="list-style-type: none"> <li>1. Name of the Company</li> <li>2. Name of Bank</li> <li>3. Name of Bank Branch</li> <li>4. City/Place</li> <li>5. Account Number</li> <li>6. Account type</li> <li>7. IFSC code of the Bank Branch</li> <li>8. MICR Code of the Bank Branch</li> <li>9. Details of other Bankers (for reference purpose only)</li> </ol> <p><b>NOTE :</b> (i) CONTRACTORS who have already submitted the above information are requested to submit a copy of the same</p>	Information of Bank Account of the Company, duly endorsed by the Bank	

## BHARAT HEAVY ELECTRICALS LIMITED CONTRACTOR REGISTRATION FORM

### SECTION-I: Company Profile & Organisational Information

1.6	QUALITY SYSTEMS	Certificate Number and Valid upto	Document to be submitted	Remarks by BHEL, if any
A	Accreditation to ISO 9001		Copy of accreditation certificate OR Copy of 'Table of Contents' of 'Quality Manual'	
B	Accreditation to ISO 14000		Copy of accreditation certificate OR Copy of 'Table of Contents' of 'Quality Manual'	
C	Accreditation to OHSAS 18000		Copy of accreditation certificate OR Copy of 'Table of Contents' of 'Quality Manual'	
D	In House Quality Systems		Copy of quality manual .	

### 1.7 FINANCIAL INFORMATION FOR THE PREVIOUS THREE YEARS

Sl No	Financial Information	Financial Value in Rupees in Lakhs (Audited)		Remarks by BHEL, if any
		Year	Value in Rupees in lakhs	
i	<b>NET WORTH (Latest)</b> Paid up Share Capital# + Reserves			
ii	<b>SALES/TURN OVER</b>  (Last three Financial Years)			
		<b>Average</b>		
iii	<b>CASH PROFIT (PAT + Non Cash Expenditure viz Depreciation)</b>  (Last three Financial Years)			
iv	Whether CONTRACTOR has been referred to BIFR/NCLT/ any other similar Govt. Agency (If 'YES' enclose details)		YES/NO	
v	Whether CONTRACTOR is a potential sick Company (If 'YES' enclose details)		YES/NO	
vi	Copies of Audited Annual Accounts (Balance Sheet, P&L Account, Cash flow statement) for the last three (3) years to be submitted.			
vii	Status of Tax assessments done under various laws (Income Tax, VAT/Sales Tax, Excise & Service Tax, Custom) and details of disputes pending, if any, with these authorities to be submitted.			

Legend:

# : Share Capital OR Partnership Capital OR Proprietor Capital as the case may be







## BHARAT HEAVY ELECTRICALS LIMITED CONTRACTOR REGISTRATION FORM

### **SECTION – III: Work Experience**

(use separate sheet for each CATEGORY/CODE)

#### **WORK EXPERIENCE (in the last 5 years period ending on the date of submission of Application)**

( use additional sheets if required)

GROUP	PACKAGE	CATEGORY	CODE

Sl no	Full Postal Address of Client and Officer in Charge	Brief description of Work & Quantities	Work Order No and date	Value of Contract in Rupees in Lakhs	Time schedule (in months)	Contractual Date of Completion	Actual date of completion	Present Status (of ongoing job)	Documents attached in support of columns (i) to viii)
	(i)	(ii)	(iii)	(iv)	(v)	(vi)	(vii)	(viii)	(ix)
1									
2									
3									

**Repairing of EWS/MIG Quarters at**  
**Shivpur, Varanasi**

**TENDER No: - HERP/CIVIL/REV/112/17-18**  
**(Part-II – Techno Commercial Bid)**



**CIVIL MAINTENANCE DEPARTMENT**  
**HEAVY EQUIPMENT REPAIR PLANT**  
**BHARAT HEAVY ELECTRICALS LIMITED**  
**VARANASI – 221003 (U.P)**

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Name & Signature of Bidder



**TO BE SIGNED BY THE BIDDER/TENDERER**

Certified that all Sections (Part-I, II & III comprising 102 pages) of this Tender (No: - HERP/CIVIL/REV/112/17-18, Dated: - 07/09/2017) have been read / complied & agreed to, and each page of the tender offer has been signed & stamped.

(Signature of Authorized person(s))  
Name and designation of Authorized Person(s)  
Signing the tender on behalf of the tenderer

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Name & Signature of Bidder





**BHARAT HEAVY ELECTRICALS LTD**  
**HEAVY EQUIPMENT REPAIR PLANT**  
**VARANASI – 221003**

Contact: - Ph: - 0542-3076045/07, [jalit@bhel.in](mailto:jalit@bhel.in) [ashuani@bhel.in](mailto:ashuani@bhel.in)

Date: - 07/09/2017

**From :**  
**SDGM (Maint. & Mod.)**  
BHEL, HERP  
Tarna, Shivpur  
Varanasi (U.P.) -221003

**To :** M/s \_\_\_\_\_  
\_\_\_\_\_

Dear Sir,

**Sub: - Repairing of EWS/MIG Quarters at Shivpur, Varanasi**

Sealed Tenders in three parts (I) Registration (II) Techno-Commercial bid & (III) Price Bid are invited from interested civil contractors/bidders, who fulfill the qualifying criteria, for the work as detailed hereunder:-

Nature of work	Time of completion	Estimated Cost
Comprehensive interior & exterior repairing and painting of three quarter blocks, consisting six quarters in each block constructed by Varanasi Development Authority (VDA) and currently owned by BHEL, including plumbing & sanitary works, provision of submersible pumps & water storage tanks on roof etc.	09 Months	Rs.61.83 Lacs Approx

**Tender Cost: - Rs. 1000/-** (Rupees One Thousand Only) **(Exempted for MSMEs)**

To be deposited in BHEL-HERP's account by EFT only & a copy of proof submitted along with Part-I bid if downloaded from website or presented to the bid selling authority at the time of purchase of bid from BHEL-HERP's office.

**Earnest Money Deposit (EMD):- Rs. 123668/-** (Rupees One Lakh Twenty Three Thousand Six Hundred Sixty Eight Only) **(Exempted for MSMEs)**

To be deposited in BHEL-HERP's account by EFT only & a copy of proof submitted along with Part-I bid.

**Offers without tender cost & EMD shall be rejected.**

Name & Signature of Bidder



**BHEL-HERP Account Details:-**

Name of the Bank Branch: - State Bank of India (SBI), Main Branch, Varanasi  
Account No: - 11103264820 IFSC: - SBIN0000201 A/c type: - Current

**Tender Document Sale Start Date:** - 07/09/2017, 14:00 Hrs\*

**Tender Document Sale Closing Date:** - 27/09/2017, 16:00 Hrs\*

\*Tender document can be purchased on any working day from 14:00 Hrs to 16:00 Hrs

**Bid Submission Start Date:** - 07/09/2017, 14:00 Hrs

**Bid Submission Closing Date:** - 27/09/2017, 17:00 Hrs

**Bid (Part-I & II) Opening Date:** - 28/09/2017, 14:00 Hrs

**Address for submission of Tender:-****If by post/courier;**

**Office of** SDGM (Maint. & Mod)  
BHEL, HERP, Tarna, Shivpur  
Varanasi-221003(UP)

**If delivered in tender box;**

Tender Box Provided At  
Administrative Building  
M.M. Department,  
BHEL- Varanasi- 221003(UP)

The tender documents can be downloaded from our website [www.bhelherp.com](http://www.bhelherp.com) or [www.bhel.com](http://www.bhel.com) (Tender Notification Page). Bidders must enclose a copy of proof of tender cost deposit, in to BHEL-HERP's account by EFT (Only), along-with the part I bid. Tender document can also be purchased from the office of SDGM (Maint. & Mod.) after necessary entry in relevant register and on submission of a copy of proof regarding tender cost deposit in to BHEL-HERP's account by EFT (Only).

Bidder is required to submit their offer in three parts in to three separate sealed envelopes properly marked "**Part-I-Registration Documents, Tender No: - HERP/CIVIL/REV/112/17-18**" "**Part-II-Techno-Commercial Bid, Tender No: - HERP/CIVIL/REV/112/17-18**", and "**Part-III-Price Bid, Tender No: - HERP/CIVIL/REV/112/17-18**" respectively and these three envelopes to be put in fourth sealed envelope properly marked as below:-

**"Tender for Repairing of EWS/MIG Quarters at Shivpur"**

**Tender No: - HERP/CIVIL/REV/112/17-18, Due date of opening: - 28/09/2017.**

Part-I & II of the sealed tenders will be opened by BHEL in the presence of bidders/tenderers who will be present at the time & place of opening. A signed blank price-bid (attached as Schedule-A) to this tender document should be enclosed with this bid. The spaces for prices should be crossed (/).

Part-III bid i.e. price bids should contain prices only and this bid will be opened only for those bidders who qualify in Part-I & II bid. Part-III bid of unqualified contractors/bidders shall be returned in sealed condition to respective bidder.

All Corrigendum / Errata / Addendum / Extension etc. shall be published on the aforesaid web page only and no publication in any media shall be done in this regard.

Name & Signature of Bidder



## Brief Description of the Work

This work is conceived for comprehensive repair & maintenance work pertaining to all EWS/MIG quarters in BHEL's possession & located in Shivpur area of Varanasi city. EWS quarters are located in two blocks (G+2) and each quarter block contains six quarters whereas MIG quarters are located in a block consisting of six quarters. **All these quarters are constructed by Varanasi Development Authority (VDA) in the year of 1985, currently owned by BHEL-HERP, Varanasi and allotted as residence to BHEL's employee.**

All quarters needs general repairing work viz. plastering, slab provision, brickwork from new bricks supplied by the contractor itself or old bricks supplied by BHEL, door, window, plumbing works including pipeline, sanitary works including pipeline & chambers, finishing work like tiles/granites, interlocking bricks, painting etc. Also, two separate submersible pump (One for EWS block and One for MIG block) & water distribution arrangements is to be provided along with provision of separate water tanks for each blocks.

The above description is only brief to give the tenderers an insight into the broad scope of the work. This description cannot be used by the successful contractor to refuse any other work but not stated explicitly. Any other allied work or services, not mentioned in tendered BOQ but on mutually agreed basis, which are necessary to complete the repairing work which will result in habitable condition with comfortable stay will be in the scope of this works contract.

The scope of work or BOQ quantity may increase or decrease depending on various factors viz. requirement of BHEL, budget/fund availability, availability of quarters for repairing etc, as per actual site condition/circumstances, BHEL's management decisions and the performance of contractor during the progress of the works.

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Name & Signature of Bidder



## QUALIFYING CRITERIA

In order to participate in price bid i.e. part-III bid, contractors must qualify in part-II bid i.e. techno commercial bid. Commercial suitability shall be based on BHEL's assessment regarding unconditional acceptance of all terms & conditions mentioned in this tender, financial capability & execution capability (As per SCC's clause no-03). Minimum qualification criteria for technical suitability shall be as mentioned hereunder:-

- (1) The Bidder should have an Average Annual financial turnover during the last 3 years, ending 31<sup>st</sup> March 2017 not less than Rs.18.55 Lakhs as per audited accounts.
- (2) The bidder should have the experience of successfully completing similar works during the last five years ending 31<sup>st</sup> August 2017 with either of the following.
  - a) Three similar completed works costing not less than the amount equal to Rs.24.74 Lakhs each.

**Or**
  - b) Two similar completed works costing not less than the amount equal to Rs. 30.92 Lakhs each.

**Or**
  - c) One similar completed work costing not less than the amount equal to Rs 49.47 Lakh.

**Definition of similar work(s):-** "Construction or Repairing & Maintenance Work of buildings having minimum three floors (G+2) made of RCC/RB/Load bearing structure and/or RCC/RB roof" only will constitute similar works.

**Note:-**

- (A) The Bidder must submit documentary proof in support of each of the above conditions along with the techno commercial bid i.e. Part-II, failing which BHEL reserves the right to reject the offer. BHEL may verify authenticity of any or all documents submitted by the bidder & will accept only after its verification.
- (B) No conditional tender will be accepted.
- (C) Evaluation and finalization of lowest bidder will be done on overall lowest cost basis jointly for scheduled and non-scheduled items of total work including taxation part.
- (D) For scheduled items, bidders must quote their rates in percentage (%) Above/ At Par/ below on total amount on scheduled item indicated in price bid. For Non-scheduled items, bidders must quote rate against individual non scheduled items of price bid. If bidder fails to quote rate against any item, BHEL reserves the right to reject the offer.

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Name & Signature of Bidder



## INSTRUCTIONS TO BIDDERS/TENDERERS/CONTRACTORS

1. There is exemption from Tender cost & Earnest Money Deposit (EMD) to those contractors who are registered (under valid category) in Micro, Small & Medium Enterprises (MSME) category subject to production of such certificate along with part-II bid & its authenticity verification (If BHEL desires to do so).
2. Tenders should be sent/ posted with due allowance for any transit/ postal delay. The tenders received after due date and time of opening are liable to be rejected. Tenders sent through e-mail or Fax shall not be considered.
3. Tenders shall be opened by authorized officer of BHEL at his office at the time and date as specified in the tender notice in the presence of such of those tenderers or their authorized representative who may wish to be present.
4. The tenderers shall closely peruse all the clauses indicated in the Tender Documents before quoting their rates. If the tenderer have any doubt about the meaning of any portion of the Tender document or find discrepancies / omissions or tender documents issued are incomplete or shall require clarification on any of the technical aspect or scope of work etc., he shall at once contact the authority inviting the tender for clarification before the submission of the tender and obtain clarification. No extra time shall be granted on account of any such clarification.
5. Before tendering, the tenderers are advised to inspect the site of work and the environments and be acquainted with the actual working and other prevalent conditions, facilities available, position of material and labor. No claim will be entertained later on grounds of lack of knowledge after submission of the tender.
6. **There are two types of items in the BOQ, scheduled & Non-scheduled items. Scheduled items are selected from DSR-2016 and bidder is required to quote their %rate above/at par/below on total amount of scheduled items. For Non-Schedule items, item rates against each individual item are to be quoted. Rates shall be in Indian Rupees. No item should be left blank. The lowest bidder will be evaluated on overall lowest cost basis considering all scheduled & non-scheduled items including taxation part.**
7. **Rates quoted by the bidder/tenderer/contractor should be kept valid for 6 months.**
8. The quantities mentioned in the BOQ are tentative and liable to change in the course of actual execution based on actual site requirement. Contractors neither deny execution of increased/reduced quantity nor are eligible for any compensation due to decrease or increase in any item of BOQ.

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Name & Signature of Bidder



9. All items viz. Bricks, Steel, Electrical or mechanical fittings, wires, switches, Water Line fittings and other miscellaneous items which were removed/ dismantled during execution of work will be property of BHEL and should be returned back to BHEL.
10. Tenderer must furnish all the required information as per the instructions given in various sections of the tender document and specification. Each and every page of the Tender documents must be SIGNED, STAMPED AND SUBMITTED ALONG WITH THE OFFER by the tenderer in token of complete acceptance thereof. The information furnished should be complete by itself.
11. The tenderer may quote the rates after visiting the site to know the site conditions. The tenderer shall quote the rates in English Language using international numerals. These rates shall be entered in figures as well as in words. In case of difference in rates between words and figures, the rate quoted in WORDS shall be treated as final rates. For the purpose of the tender, the SI units shall be used.
12. All entries in the tender shall either be typed or be written in ink. Erasures and overwriting are not permitted and may render such tenders liable to summary rejection. The tenderer shall duly attest all cancellations and insertions prior to submission of tender.
13. Full information shall be given by the tenderer in respect of the **Financial Status (Valid PAN No details, Valid GSTIN details, Account details, Certified Copy of Audited Balance Sheet of FY-2016-17, FY-2015-16 and FY-2014-15 to be attached), Previous Work Experience (Work Completion Certificate issued by the competent authority to be attached) and Organization Chart**. Non submission of any of this information may lead to rejection of the offer.
14. A copy of blank & signed price-bid (Schedule-A) should be enclosed with the techno-commercial bid. The space for prices may be crossed (/).
15. A statement giving particulars (duly supported by documentary evidence) of the various job executed /in progress for each similar works by the tenderer indicating the particulars and value of each work, the site location, the duration, date of completion etc. **These completion certificates shall be considered subject to its confirmation (if BHEL wish to do so) from issuing authority and BHEL reserves right to reject offer in case at any stage found it fake or forged and may initiate legal action against such bidder/contractor.**
16. The organization chart must be supported by organization pattern indicating name, qualification and experience of the Management/Employee/Engineer/Technical Staff/Support in the roll of the company as on 31.08.2017.

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Name & Signature of Bidder



17. Tenderer has to submit details of construction equipment in support of their capability and satisfactory completion of the project.

18. An attested copy of the Power of Attorney, in case the tender is signed by an individual other than the sole Proprietor/ CEO of company/ partner in case of proprietorship firm shall also be attached.

19. IN CASE OF AN INDIVIDUAL: His full name, experience, address and nature of business.

OR

IN CASE OF PARTNERSHIP FIRMS: The names of all the partners with addresses and their experience. A copy of the partnership deed/Instrument of Partnership duly certified by a Notary Public shall be enclosed.

OR

IN CASE OF COMPANIES: Date and place of registration including date of commencement certificate in case of public companies and the nature of business carried on by the Company. Certified copies of memorandum and Articles of Association are also to be furnished. Also indicate names, addresses and experience of the Directors.

20. Bidder must submit declaration sheet as per format enclosed at ANNEXURE-`A`.

21. Bidder must submit check list and schedule of general particulars duly filled in, signed and stamped as per `ANNEXURE-`B`.

22. Workman's compensation insurance policy copy covering injury and life risk of the worker while at work must be attached.

23. Mention your PF code No. allotted to you by the office of Regional Provident Fund Commissioner.

24. Mention your ESI Code No. or any other Medical Policy prevailing in your company.

**Note:** *All data required to be enclosed with the tender need to be furnished neatly typed, signed and stamped only (in the form of separate sheets) failing which the tender may be considered as incomplete and is liable for rejection. Documentary, proofs wherever necessary also need to be enclosed.*

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Name & Signature of Bidder



## **SPECIAL CONDITIONS OF CONTRACT (SCC)**

- (1) In case of any dispute/ambiguity/contradiction regarding any terms or conditions described in special condition of contract (SCC) and general conditions of contract (GCC), terms described in SCC will supersede GCC for that particular terms/condition of tender/contract.
- (2) Interested **bidders are strongly suggested to visit the site of work** before submission of tender for which advance intimation shall be required to the office of SDGM (Maint. & Mod.) in person.
- (3) **CAPABILITY OF EXECUTION:-**  
The contractors are required to submit details regarding the following along-with Part-I bid for each of the following:-
  - (3.1) Details of manpower, machinery, equipment, infrastructure etc to complete the work as per the agreed contractual schedule.
  - (3.2) Project manager (having Civil Engineering degree or diploma with sound knowledge of civil works) with financial powers and adequate funds. This person shall be single point contact for BHEL during entire execution of this work. He must be supported by adequate supporting staff details of which including their qualification shall be required to submit along with part-I bid.
  - (3.3) As the construction site is outside BHEL premises (VDA colony Shivpur), contractor shall have to arrange 24 hours security staff to take care of BHEL/ Contractor's materials.
  - (3.4) Arrange safe storage of adequate quantity of material required for execution of works. In case of cement bags, the flooring for storage of cement bags shall be such that ingress of moisture from floors shall be prevented.
  - (3.5) The successful bidder will be required to comply with all the rules & regulations of U.P. Categorical confirmation is required that contractor will fulfill all the requirements applicable to this type of work in U.P including any new registrations etc.
- (4) **REVERSE AUCTION (RA):-**
  - (4.1) BHEL reserves the right to go for Reverse Auction (RA) (Guidelines as available on the website [www.bhel.com](http://www.bhel.com) ) instead of opening the sealed envelope price bid, submitted by the bidder.
  - (4.2) This will be decided after techno-commercial evaluation. Bidders to give their acceptance with the offer for participation in RA. Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHE decides to go for RA.
  - (4.3) Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit 'Process Compliance Form' (to the designated service provider) as well as 'Online Sealed Bid' in the Reverse Auction. Non-submission of 'Process compliance form or 'Online sealed bid' by the agreed bidder(s) will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines for suspension of business dealings with suppliers/ contractors (as available on [www.bhel.com](http://www.bhel.com) ).

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Name & Signature of Bidder



- (4.4) The bidders have to necessarily submit online sealed bid less than or equal to their envelope sealed price bid already submitted to BHEL along with the offer.
- (4.5) **The envelope sealed price bid of successful L1 bidder in RA, if conducted, shall also be opened after RA and the order will be placed on lower of the two bids (RA closing price & envelope sealed price) thus obtained. The bidder having submitted this offer specifically agrees to this condition and undertakes to execute the contract on thus awarded rates.**
- (4.6) If it is found that L1 bidder has quoted higher in online sealed bid in comparison to envelope sealed bid for any item(s), the bidder will be issued a warning letter to this effect. However, if the same bidder again defaults on this count in any subsequent tender in the unit, it will be considered as fraud and will invite action by BHEL as per extant guidelines for suspension of business dealings with suppliers/ contractors (as available on [www.bhel.com](http://www.bhel.com) ).
- (4.7) For the proposed reverse auction, technically and commercially acceptable bidders only shall be eligible to participate.
- (4.8) BHEL will engage the services of a Service Provider who will provide all necessary training and assistance/ demonstration before commencement of online bidding (Reverse Auction) on internet.
- (4.9) BHEL will inform the Contractors in writing the details of Service Provider to enable them to contact for training/ demonstration.
- (4.10) Business rules like event date, time, start price, bid decrement, extensions etc. also will be communicated through Service Provider for compliance.
- (4.11) Contractors have to e-mail the Compliance form in the prescribed format (provided by Service provider) before start of Reverse Auction. Without this, the contractors will not be eligible to participate in the event.
- (4.12) BHEL will provide the calculation sheet (In MS EXCEL) which will help the Contractors to arrive at "Total Landed Cost to BHEL" for each of the bidders to enable them to fill-in the price and keep it ready for keying in during the Auction.
- (4.13) Reverse auction will be conducted on a scheduled date & time.
- (4.14) At the end of Reverse Auction event, the lowest bid value will be known on the network.
- (4.15) The lowest bidder has to e-mail the duly signed filled-in prescribed format as provided to BHEL through Service Provider within 24 hours of Auction without fail.
- (4.16) The initial on-line bid value must be equal to or lower than the amount mentioned in the Price Bid. The tenderer may be disqualified on their failure to comply the above stipulation.
- (4.17) In case BHEL decides not to go for Reverse Auction procedure for this tender enquiry, the Price bids already submitted and available with BHEL shall be opened as per BHEL's standard practice.
- (5) **REJECTION OF TENDER AND OTHER CONDITIONS:-**  
The acceptance or other wise of Tender will rest with BHEL which does not bind itself to accept the lowest tender or any tender and reserves to itself full rights for the following without assigning any reasons whatsoever.
- (5.1) To reject any or all of the tenders.
- (5.2) To modify the time for completion suitably.

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Name & Signature of Bidder



- (5.3) Conditional tenders, tenders containing absurd or unworkable rates and amounts, tenders which are incomplete or otherwise considered defective and tenders not in accordance with the tender conditions are liable to be rejected.
- (5.4) If a tenderer expires after the submission of his tender or after the acceptance of his tender, BHEL may at its discretion, cancel such tender. If a partner of a firm expires after the submission of the tender or after the acceptance of the tender, BHEL may cancel such tender at its discretion unless the firm retains its character.
- (5.5) BHEL will not be bound by any Power of Attorney granted by the tenderer or by changes in the composition of the firm made subsequent to the execution of the contract. BHEL may, however, recognize such Power of Attorney and changes after obtaining proper legal advice, the cost of which will be chargeable to the contractor concerned.
- (5.6) If the tenderer deliberately gives wrong information in his tender, BHEL reserves the right to reject such tender at any stage or to cancel the contract, if awarded and forfeit the Earnest Money/Security Deposit/any other moneys due.
- (5.7) Should a tenderer or Contractor or in the case of a firm or Company of Contractors/one or more of its Partners/Shareholders/Directors have a relation or relations employed in BHEL, the authority inviting tender shall be informed of the fact along with the offer, failing this BHEL may at its sole discretion reject the tender or cancel the contract and forfeit the Earnest Money/Security Deposit.
- (5.8) The successful tenderer should not sub-contract part or full work detailed in the tender document/BOQ without written permission of BHEL. The tenderer is solely responsible to BHEL for the work awarded to him.

(6) **EARNEST MONEY DEPOSIT (EMD):-**

Tender must be accompanied by the prescribed amount of Earnest Money Deposit (EMD) in the manner as described in GCC. As per estimated work value, EMD for this work is **Rs. 123668/-** (Rupees One Lakh Twenty Three Thousand Six Hundred Sixty Eight Only) which is to be deposited by electronic fund transfer (EFT only) in to BHEL-HERP's account and a copy of such fund transfer to be attached along with part-II bid. **EMD is exempted for those contractors who are registered in to MSME category.** Such bidder needs to produce registration certificate, subject to BHEL's satisfaction & verification about its authenticity, along with part-I bid failing which tender may be rejected.

(7) **SECURITY DEPOSIT (SD):-**

Upon acceptance of tender, the successful bidder/ tenderer must deposit the required amount of security deposit within the time. SD amount will be calculated based on mutually agreed rates and final amount to be deposited, after converting EMD in to SD, communicated in LOI along with time frame to deposit it with BHEL. All terms mentioned in GCC regarding SD shall be applicable. 100% SD will be refunded after successful completion of **defect liability period/maintenance period of twelve (12) months**, from the date of completion or handing over back to BHEL whichever is later.

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Name & Signature of Bidder



**(8) EXECUTION OF CONTRACT AGREEMENT:-**

The successful Bidder/Tenderer's responsibility under this contract commences from the date of issue of the Letter of Intent (LOI) by Bharat Heavy Electricals Limited (BHEL), HERP, Varanasi. The successful tenderer shall be required to execute a contract in the 'Prescribed Format' as prevailing in HERP with BHEL within 15 days of issue of LOI and in any case before the commencement of work. The expenses for completion of the agreement formalities shall be borne by the Bidder/Tenderer/Contractor.

**(9) LAW GOVERNING THE CONTRACT AND COURT OF JURISDICTION:-**

The contract shall be governed by the law for the time being in force in the Republic of India. The Civil Court at VARANASI having ordinary Original Civil Jurisdiction shall alone have exclusive jurisdiction in regard to all claims in respect of this Contract.

**(10) COMMENCEMENT & COMPLETION OF WORK:-**

The contractor shall commence the work within the time indicated in the Letter of intent and shall proceed with the same with due expedition without delay. If the successful tenderer fails to commence the work within the stipulated time, BHEL, at its sole discretion, will have the right to cancel the tender/contract. His Earnest money and/or Security Deposit will stand forfeited without any further reference to him and without prejudice to any and all of BHEL's other rights and remedies in this regard. All the works shall be carried out under the direction and to the satisfaction of BHEL. Time for completion of complete work as detailed in BOQ shall be **NINE MONTHS** from date of commencement of work. If BHEL increases scope of work through any amendment in the contract, additional time for completion of additional work shall be granted. Calculation of such additional time shall be based on joint review of additional work considering scope of parallel activity (if any).

**(11) PAYMENTS:-**

- (11.1)** All payments due to the contractor shall be made by 'Electronic Fund Transfer' only. For this purpose the contractor will have to furnish filled & certified EFT form, to be provided by BHEL, along with a copy of cancelled cheque.
- (11.2)** All payments will be made as per "Price Schedule" only after completion of that work. Contractor will have to submit Bill, having all details pertaining to GST, against the work completed by them for release of payment. GST registration No. should be clearly mentioned on his bill.
- (11.3)** All recoveries due from the contractor shall be done in full from corresponding bill unless specific approval from competent authority is obtained to the contrary. The recoveries shall be done as per Govt. /BHEL rules.
- (11.4)** The contractor shall bear the expenditure involved if any, in conducting measurement of the job done. The contractor shall, provide all the assistance with appliances and other thing necessary for measurement or re-measurement.
- (11.5)** Passing of bills covered by such measurement does not amount to acceptance by BHEL of the completion of the work measured. Any left out work has to be completed by the Contractor, as directed by engineer in charge.

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Name & Signature of Bidder



- (11.6) No advance payment shall be made.
- (11.7) **RA bills shall be processed once in a month (30 days) or submission of the bill by the contractor, whichever is later**, based on joint measurement of all portions of completed work. Approximately 15 working days is required to process RA bills subject that bill submitted is complete in all respect.
- (11.8) Contractor shall inform, in writing, Engineer in Charge about completion of whole work as detailed in BOQ. Engineer in Charge or BHEL's authorized representative will inspect whole work and intimate about all left out works or rectification works, if any, which shall be required to complete in order to process final bill. Final measurements shall be carried out jointly after completion of whole work or work intimated after final inspection as per engineer in charge or BHEL satisfaction. Approximately 30 working days is required in processing of final bills subject that bill submitted is complete in all respect.

(12) **WATER & ELECTRICITY CHARGES: -**

**BHEL shall provide water & electricity at one point** as desired by the contractor. Responsibility to distribute water or electricity from that identified & agreed point to desired point shall be in the scope of contractor and no any payment shall be made in this regard. **BHEL shall deduct Rs. 1/- per Rs. 1000/- (Gross Bill) towards water charges but no deduction shall be made towards electricity charges.** If it is observed that electricity power is being wasted, BHEL shall have the right to recover cost of such consumption including arrears from the payment due. Power will **not be allowed for cooking and room (air) heating** in winter season. For this purpose, on written application chargeable power can be allowed. The rates shall be the rates applicable for industrial consumption in U.P.

(13) **LIQUIDATED DAMAGE and RISK & COST: -**

All terms related to LD and risk & cost conditions described in GCC shall be applicable to this contract in totality.

(14) **DEFECT LIABILITY/GUARANTEE PERIOD:-**

The satisfactory and safe performance of the work done by the contractor shall be guaranteed up to **12 Months (Twelve Months) from the date of the completion OR handing over back to BHEL whichever is later.** Bill of pump, panel etc. shall be in name of "BHEL-HERP" and all warranty cards shall be property of BHEL. During this defect liability or guarantee period, the responsibility of contractor shall be to attend & arrange repair work, if any, within time frame intimated by Engineer in charge, to attend all meetings with BHEL-Varanasi, to attend & reply all the matters relating to the contract work as may be required. 100% of the Security Deposit shall be retained by BHEL against the satisfactory performance during defect liability/guarantee period.

(15) **ARBITRATION:-**

All disputes between the parties to this contract arising out of or in relation to the contract, other than those for which the decision of the Engineer or any other person is by the contract expressed to be final and conclusive, shall,

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Name & Signature of Bidder



after written notice by either party to the contract to the other party, be referred to sole arbitration of the Unit head of BHEL VARANASI or his nominee. The arbitration shall be conducted in accordance with the provisions of the Indian Arbitration Act, 1996. The parties to the contract understand and agree that there will be no objection that the Unit head of BHEL VARANASI or the person nominated as arbitrator had earlier in his official capacity to deal directly or indirectly with the matters to which the contract relates or that in the course of his official duties had expressed views on all or any of the matters in dispute or difference. The award of the arbitrator shall be final and binding on the parties to this contract. In the event of the arbitrator dying, neglecting or refusing to act or resigning or being unable to act for any reason or his award being set aside by the Court for any reason, it shall be lawful for the Unit head of BHEL VARANASI or his successor, as the case may be, either to act himself as the Arbitrator or to appoint another arbitrator in place of the outgoing arbitrator in the manner aforesaid. The arbitrator may, from time to time, with the consent of both the parties to the contract, extend the time for making the award. Work under the contract shall be continued during the arbitration proceedings. The venue of the arbitration shall be the place from which the contract is issued or such other place as the arbitrator at his discretion may determine.

**(16) SPECIAL CONDITIONS FOR SAFETY:-**

- (16.1)** Few safety measures are suggested here for ready reference & strict adherence by all workmen working on the site. However all the items of work should be carried out in safe working manner taking all precautions and BHEL shall not be responsible or liable to pay any compensation in case of any accident or loss.
- (16.2)** Proper and necessary precautions shall have to be taken wherever the work involves breaking of reinforced cement concrete slab and dismantling of brick work.
- (16.3)** Proper and necessary scaffolding is to be erected wherever dismantling of brick work is carried out at height more than 1.50 M.
- (16.4)** Reinforced cement concrete slab should be dismantled parallel to the main reinforcement, each piece not exceeding 300mm wide. Under no circumstances the supporting wall shall be cut or removed until the supporting slab is demolished.
- (16.5)** The contractor shall keep supply all safety equipment like safety boots, goggles, helmets and safety belts, to all the workers.
- (16.6)** The contractor shall keep a supervisor always at work site.
- (16.7)** Power shut down shall be taken before commencement of the work wherever power cables are running.
- (16.8)** Proper and necessary scaffolding and ladders are to be used for carrying out all types of works.
- (16.9)** The contractor shall provide safety nets to the work force during the execution of work at height of more than 2.5 meters and as directed by the engineer in charge.
- (16.10)** The contractor shall take all necessary safety precautions and arrange for appropriate appliance to its authorized officials to prevent loss of human lives, injuries to personnel engaged and damage to property.

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Name & Signature of Bidder



- (16.11) The Contractor shall provide to the work force and ensure the use of the following personnel Protective Equipment as found necessary and as directed by the authorized BHEL Officials. Items are, Safety Helmets conforming to IS: 2925, 1981, Safety belts conforming to IS: 3521, 1983, Safety shoes conforming to IS: 1.4544. 1998, Eye, and face protection devices conforming to IS: 1179, 1967, Hand and body protection devices conforming to IS: 2573 - 1975, IS: 6994 - 1973 and IS 8520 - 1978, IS: 578-1985 and IS 6694.
- (16.12) While working at heights, a safe foot holds and hands holds should be provided.
- (16.13) No loose material should be allowed to remain in the vicinity of persons working at Heights due to which they may inadvertently loose there balance and fall down. Wherever, it is reasonable practical, workers should be made to use safety belts.
- (16.14) Ladders, crawling ladders and crawling boards are to be provided if a person has pass across or work on or from any material liable to fracture under his weight and cause him to fall more than 1.98 meters.
- (16.15) In considering whether a material is likely to fracture beneath a person's weight, regard must be had to any additional weight he may be carrying or supporting.
- (16.16) Ladders crawling boards etc., to be securely supported and if necessary secured to prevent slipping.
- (16.17) Guard rails, coverings or other suitable means may be used to prevent person stepping on to fragile material, while working or passing near it if such material is likely to fracture under his weight and cause him to fall more than 1.98 meters.
- (16.18) While working on sloping roofs, suitable, crawling, boards or crawling ladders should be used. These crawling ladders should be properly supported and securely enhanced to the sloping surface or the roof ridge.
- (16.19) Suitable and sufficient means are to be provided to prevent fall of articles from a sloping roof.
- (16.20) Safe access should be provided to every place at which any person has to work. Scaffolds to be provided for all work that needs working with safety otherwise.
- (16.21) Shoring or either steps are to be taken to prevent accidental collapse of the building or part of the building being dismantled.
- (16.22) Similar precautions are to be taken against collapse of any adjacent building, if this would involve danger.
- (16.23) No steel work or iron work is to be cut or released unless precautions are taken to avoid danger from sudden twist, spring or collapse.
- (16.24) No framing is to be removed unless all practicable steps are taken to avoid collapse of the structure.
- (16.25) Demolition work is to be placed under the supervision of a competent person experienced in demolition work.
- (16.26) **LADDERS:** - Ladders to be used should be of good construction, of a suitable and sound material of adequate strength. Ladders with missing or defective rungs should not be used. Wooden stiles or sides and wooden rungs should have grain-running length wise. Rungs should be properly fixed to the sides. Ladders standing on a base are to be equally and properly

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Name & Signature of Bidder



supported on each stile or side. Ladder standing on a base to be securely fixed near its upper resting place, if such fixing is impractical the ladder must be fixed at or near its lower end. If this is also impracticable a person, must be stationed at the feet of the ladder to prevent it from slipping. Ladder should not be placed on loose bricks or loose packing. Except when there is an adequate handled, ladder must rise to a height of a least 3 feet 6 inches (1.00 Mtr.) above the landing place or above the heights rung reached by the feet of persons using the ladder. Space at each rung to be sufficient to provide adequate foot held. Openings in landing places through which ladders pass should be as small as practicable. Folding steps ladders should have level and firm footing and should not stand on loose bricks or other loose packing.

**(16.27) SCAFFOLDS:** - Materials used for scaffolds should be of sound and adequate strength. The timber used should be suitable quality, good condition, bark complete stripped off, and without paint or other treatment, which would prevent defects from being easily seen. Timber and material with projecting nails should not be used. Metal parts should be of suitable quality, in good condition, free from corrosion or other patent defects likely to affect strength. Defective parts or materials should not be used and no defective ropes or bonds should be used. Standards or upright should be vertical or slightly inclined towards the building or other structure, where practicable and to be sufficiently close to ensure stability. Displacement or sinking of standards or uprights to be prevented either by provision of base plates or either adequate means. Ladders used as uprights to be adequate strength secured to prevent slipping and so placed that the two stiles of sides of each ladder are evenly supported. Ladders are to be horizontal, as nearly as possible and should be secured to standards or uprights by efficient means.

**(16.28) WORKING PLATFORMS:** - All working platforms should be closely boarded, planked or plated. Boards should be of sufficient thickness having regard to the distance between putlogs other supports. All boards should be at least 51 mm thick and 210 mm wide. Boards should rest securely and evenly on their supports. Each board should have at least three supports unless the thickness and the distance between the supports are such as to present on due or unequal staging when, supported on the two pipes. No board should project beyond for more than four times its thickness, unless secured to prevent tipping. No board should project to an extent which makes it unsafe having regard to its thickness and strength and the weight likely to be on it. The platforms should be of adequate width to give sufficient working space. The platforms should extend at least 600 mm. beyond, the end of wall or working face if work is being done at that end of the wall of face. The platforms should have guard rails to a height of between 920 mm and 1150 mm. above the platform or any raised part of it. The platforms should have toe-boards high enough to prevent falls of persons, tools and materials, with a minimum height of 15.5 mm. space between the toe-boards and the lowest guard rail should not exceed 760 mm. guard rails and toe-boards should be on the inside of uprights unless there is some other means of preventing their outward movement. Guard rails and toe-boards should

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Name & Signature of Bidder



always remain in position except when removal is necessary for the access of persons or materials, or other necessary purposes of the work.

- (16.29)** If the contractor fails to take appropriate safety precautions or to provide necessary safety devices and equipments or to carry out instructions issued by the authorized BHEL officials, BHEL shall have the right to take corrective steps at the risk and cost of the contractors.
- (16.30)** In case of a fatal or disabling injury accident to any person due to lapses by the contractor. BHEL shall have the right to impose appropriate financial penalty on the contractor and recover the same from payments due to the contractor for suitably compensating the victim or his/her dependents. Before imposing the penalty, appropriate enquiry shall be held by BHEL.
- (16.31)** In case of any damage to property due to the lapses by the contractor, BHEL shall have the right to recover the cost of such damages from the contractor after holding an appropriate enquiry.
- (16.32)** In case of any delay in the completion of a job due to mishaps attributable to lapses by the contractor, BHEL, shall have the right to recover cost of such delay from the payments due to the contractor after notifying the contractor suitably.
- (16.33)** If the contractor fails to improve the standards of safety in its operation to the satisfaction of BHEL after being given reasonable opportunity to do so, BHEL shall have the right to terminate the contract and get the job completed at the risk and cost of the sub-contractors.

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Name & Signature of Bidder



**DECLARATION SHEET**

I, .....on behalf of M/s.....  
..... hereby certify that, all the information and data furnished  
by us with regard to this Tender No. HERP/CIVIL/ REV/112/17-18 is true and  
complete. We have gone through the entire tender documents including BOQ and  
stipulations in detail and agree to comply with the requirements and intent of this work  
as per satisfaction of BHEL.

We, further declare that, the rates quoted by us in price bid are unconditional and  
unambiguous.

Date

Name & signature of the bidder  
(Seal)

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Name & Signature of Bidder



**CHECKLIST & SCHEDULE OF GENERAL PARTICULARS**

*NOTE: Tenderers are requested to fill in the following details and no column should be left blank.*

1.	Name & Address of the Tenderer	
2.	E-mail ID	
3.	Phone No. (Office) Fax No.	
4.	Name & designation of the official of the tenderer to whom all the references shall be made	
5.	Tenderer's proposal No. & date	
6.	Whether Tender Cost & EMD submitted (By EFT Only). Provide detail.	
7.	Validity of offer/ rates quoted for six months from the date of opening of tender	Yes/No
8.	Financial Details submitted	Yes/No
	Details of experience submitted	Yes/No
9.	Permanent account Number	
10.	Goods and Services Tax (GST) Registration Number	
11.	Attested copy of power of attorney	Yes/No
12.	Details about type of the firm	
13.	Declaration sheet (As per Annexure `A')	Yes/No
14.	P.F. Code No	
15.	ESI/Workmen Compensation Policy no-	
16.	Signed Blank price-bid	
17.	Read all terms mentioned in clause-3 of SCC, provided all details in part-II bid & agree to abide unconditionally as per direction of BHEL.	

Name & Signature of Bidder



**SCHEDULE 'B'**

**FREE ISSUE OF MATERIALS TO THE CONTRACTOR**

**NIL**

**SCHEDULE 'C'**

**TOOLS & PLANT TO BE HIRED FROM BHEL**

<b>Sl. No.</b>	<b>T &amp; P</b>	<b>Rates</b>
1.	Demolition Hammer (Bosch Make)	Rs.100/- per day

**Important condition:-**

Work cannot be delayed on the pretext that BHEL has not been able to provide the above equipment. Contractor will have to make his own arrangement if the above T & P is not available for issue to the contractor.

**ITEM's APPROVED MAKE LIST**

Followings are approved make list of items to be used in the execution of this work. Equivalent make can be used only with consent & permission of Engineer in charge.

1. Reinforcement/Structural Steel:- TATA, SAIL, Balmukund, kamdhenu or equivalent
2. Cement:- JAPEE/ BIRLA GOLD/ ACC/ Lafarge or equivalent (Date of manufacturing not older than two months)
3. Sand/ Aggregate/ Brick:- Only approved query source & quality.
4. Flush/Plywood Door: - Century/ KITPLY/ GREENPLY/ NATIONAL PLYWOODS or equivalent
5. Wall/Floor Tile: - Somany, Kajaria, Jhonson or equivalent (Only approved design & colour shall be used. Size may vary as per selected design by Engineer in charge)
6. PVC pipe & Accessories:- Prince, Supreme or equivalent
7. Painitng items:- Nerolac, Asian, Burger or equivalent
8. Glass:- Modiguard, Saint Gobin or equivalent
9. Water Pipes & Fittings:- Tata, Jindal, Prince, Supreme
10. Sanitary/Plumbing Fittings:- Plumber, Jaquar, Jhonson, Cera, Hindware
11. Pump:- Kirloskar, CRI, KSB or equivalent
12. Pump Panel:- BCH or equivalent
13. Electric Cable:- Hawells, Finolex, KEI or equivalent
14. Galvolume Sheet:- Tata, Jindal or equivalent
15. Wood Plastic Composite (WPC) Board:- Alstone, Ecoste or equivalent

Name & Signature of Bidder



# SCHDEULE – A

## Bill of Quantity (BOQ)

<b>Tender Notice No:- HERP/CIVIL/REV/112/17-18</b>						
<b>Name of Work:- Repairing of EWS/MIG Quarters at Shivpur, Varanasi</b>						
<b>Bidder is to quote their % over/ At par/ Below on total amount i.e. Rs. 4128735.66 for all 97 scheduled items space provided below item no-97.</b>						
Sl. No	Item Code	Description of work	Rate	Unit	Quantity	Amount
<b>(A) Scheduled Items (DSR-16 items)</b>						
1		Carriage of material up to 5 km lead by Mechanical transport including, loading, unloading & stacking of -				
(i)	1.1.1	Lime, Moorum, Building rubbish	119.33	cum	60.00	7159.80
(ii)	1.1.2	Earth	149.17	cum	5.00	745.85
(iii)	1.1.8	Bricks	318.22	1000 No	10.00	3182.20
(iv)	1.1.10	Cement, stone blocks, G.I., C.I., A.C. & C.C. pipes below 100mm dia and other heavy materials	106.07	Ton	2	212.14
(v)	1.1.11	Steel	106.07	Ton	1	106.07
(vi)	1.1.12	Timber	136.38	cum	3	409.14
2	2.8.1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of Soil	166.40	cum	30.00	4992.00
3	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations, etc. in layers not exceeding 20 cm in depth : consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5m.	125.75	cum	25.00	3143.75
4	2.27	Supplying and filling in plinth with Ganga sand under floors including watering,ramming,consolidating and dressing complete.	917.75	cum	5.00	4588.75
5		Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:				

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(i)	4.1.2	1:1 1/2 :3 (1 cement : 1 1/2 coarse sand : 3 graded stone aggregate 20 mm nominal size ).	5924.65	cum	1.00	5924.65
(ii)	4.1.3	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size ).	5481.95	cum	2.00	10963.90
(iii)	4.1.5	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size ).	4927.00	cum	2.00	9854.00
6		Providing and laying cement concrete in retaining walls, return walls, blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing :				0.00
(i)	4.2.3	1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	6547.70	cum	3.00	19643.10
(ii)	4.2.5	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	5992.75	cum	3.00	17978.25
7	5.1.3	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level.1 : 2 : 4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	5772.65	cum	2.00	11545.30
8	5.2.2	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	7145.80	cum	2.00	14291.60
9	5.3	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement with 1 : 2 : 4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	7390.80	cum	8.00	59126.40
10		Centering and shuttering including strutting, propping, etc. and removal of form for:				0.00
(i)	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete	193.95	sqm	10.00	1939.50

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(ii)	5.9.2	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	378.60	sqm	5.00	1893.00
(iii)	5.9.3	Suspended floors, roofs, landings, balconies and access platform.	422.30	sqm	60.00	25338.00
(iv)	5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers.	342.90	sqm	30.00	10287.00
(v)	5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts	467.85	sqm	30.00	14035.50
(vi)	5.9.7	Stairs (excluding landings) except spiral-staircases	419.35	sqm	10.00	4193.50
(vii)	5.9.16.1	Edges of slabs and breaks in floors and walls:- Under 20 c.m wide	122.20	Metre	20.00	2444.00
11	5.22A.6	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth:- Thermo Mechanically Treated bars of grade Fe-500D or more.	56.60	kg	900.00	50940.00
12	6.1.2	Brickwork with F.P.S. bricks of class designation 75 in foundation and plinth in-cement mortar 1:6 (1 cement:6 coarse sand).	4751.65	cum	5.00	23758.25
13	6.4.2	Brickwork with F.P.S. bricks of class designation 75 in superstructure above plinth level up to floor V level in all shapes & sizes in :cement mortar 1:6( 1 cement: 6 coarse sand).	5582.85	cum	50.00	279142.50
14		Providing and fixing 18 mm thick gang saw cut mirror polished (premoulded and prepolished) machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size of approved shade, colour and texture laid over 20 mm thick base cement mortar 1 : 4 (1 cement : 4 coarse sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edge to give high gloss finish etc. complete at all levels.				0.00
(i)	8.2.1.2	Raj nagar plain white marble/ Udaipur green marble/ Zebra black marble:- Area of slab over 0.50 sqm	1850.15	sqm	1.00	1850.15
(ii)	8.2.2.2	Granite of any colour and shade:- Area of slab over 0.50 sqm	3113.30	sqm	20.00	62266.00
15	8.6	Mirror polishing on marble work/Granite work /stone work where ever required to give high gloss finish complete.	231.50	sqm	21.00	4861.50

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16	9.1.1	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position: Second class teak wood.	92743.05	cum	0.25	23185.76
17	9.21.2	Providing and fixing ISI marked flush door shutters conforming to IS :2202 (Part-I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters :30mm thick including ISI marked stainless steel butt hinges with necessary screws.	1559.75	sqm	250.00	389937.50
18	9.23	Extra for providing lipping with second class teak wood battens 25 mm minimum depth on all edges of shutters (over all area of door shutter to be measured).	365.85	Sqm	10.00	3658.50
19	9.27.1.2.1	Providing and fixing 35 mm thick wire gauze shutters using galvanized M.S. wire gauze of average width of aperture 1.4mm with wire of dia. 0.63mm for doors ,windows clerestory windows including ISI marked bright finished or /and black enameled M.S. butt hinges with necessary screws :Second class teak wood	3040.30	sqm	5.00	15201.50
20	9.65.1	Providing and fixing ISI marked oxidized M.S. door latches conforming to IS:5930 with screws, etc. complete.300x20x6mm.	68.90	Each	36.00	2480.40
21	9.117.1	Providing and fixing factory made UPVC door frame made of UPVC extruded section having an overall dimension as below (tolerance $\pm$ 1mm) with wall thickness 2.0mm $\pm$ 0.2mm , corners of the door frame to be jointed with, galvanized brackets and stainless steel screws. Joints mitred and plastic welded. The hinge side vertical of the frames reinforced by galvanized M.S.tube of size 19 x 19mm and 1mm $\pm$ 0.1mm wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturer's specification and as per direction of Engineer - in - charge. Extruded section profile size 48x40 mm.	216.80	Metre	70.00	15176.00

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22	9.118.1	<p>Providing and fixing to existing door frame 24mm thick factory made PVC door shutters made of style and rails of a UPVC hollow section of size 59x24 mm and wall thickness 2 mm +/- 0.2 mm with in built edging on both sides. The styles and rails mitred and joined at the corners by means of M.S. galvanised / plastics brackets of size 75x220 mm heaving wall thickness 1 mm and stainless steel screws. The styles of the shutters reinforced by inserting galvanised M.S. tube of size 20x20mm and 1mm +/- 0.1mm wall thickness . The lock rail made up of 'H' section , a UPVC hollow section of size 100x24mm and 2mm +/- 0.2mm wall thickness fixed to the shutters styles by means of plastic/ galvanised M.S. 'U' cleats .The shutters frame filled with a UPVC multy- chambered single panel of size not less than 620mm ,having over all thickness of 20mm and 1mm +/- 0.1mm wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacture's specification and direction of Engineer-in - charge .(For W.C. and bathroom door shutter )</p>	1800.45	sqm	30.00	54013.50
23	10.5.2	<p>Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6mm angle iron and 3mm M.S. gusset plates at the junctions and corners , all necessary fittings complete ,including applying a priming coat of approved sheet primer. Using flats 30x6 mm for diagonal braces and central cross piece.</p>	2761.90	sqm	1.00	2761.90

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24	10.11.1	Providing and fixing factory made ISI marked steel glazed doors, windows and ventilators, side /top /centre hung, with beading and all members such as F7D, F4B, K11 B and K12 B etc. complete of standard rolled steel sections, joints mitred and flash butt welded and sash bars tenoned and riveted, including providing and fixing of hinges, pivots, including priming coat of approved steel primer, but excluding the cost of other fittings, complete all as per approved design, (sectional weight of only steel members shall be measured for payment):- Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	113.60	kg	5.00	568.00
25	10.13.1	Providing and fixing T-iron frames for doors, windows and ventilators of mild steel T-sections, joints mitred and welded with 15x3 mm lugs 10 cm long embedded in cement concrete blocks 15x10x10 cm of 1 : 3 : 6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) or with wooden plugs and screws or rawl plugs and screws or with fixing clips or with bolts and nuts as required including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer.	74.05	kg	100.00	7405.00
26	10.25.2	Steel work welded in built up sections/framed work including cutting hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladders, railings, brackets, gates and similar works.	85.95	kg	1000.00	85950.00
27	11.1.1	Brick on edge flooring with bricks of class designation 75 including cement slurry etc. complete in cement mortar with F.P.S. bricks: 1:4 (1 cement: 4 coarse sand).	675.95	sqm	20.00	13519.00

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28	11.3.1	Cement concrete flooring 1:2:4 (1 cement: 2 coarse: 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps etc. complete 40mm thick with 20mm nominal size stone aggregate.	362.60	sqm	20.00	7252.00
29	11.4	52mm thick cement concrete flooring with concrete hardener topping under layer 40mm thick cement concrete 1:2:4(1 cement: 2 coarse sand:4 graded stone aggregate 20 mm nominal size) and top layer 12mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate 6 mm nominal size) by volume hardening compound is mixed @ 2 litre per 50 kg of cement or as per manufacturer specifications .This includes cost of cement slurry but excluding the cost of nosing of steps etc. complete.	555.25	sqm	10.00	5552.50
30	11.26.1	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete with base of cement mortar 1:4 (1 cement : 4 coarse sand): 25mm thick	1158.10	sqm	10.00	11581.00
31	11.36	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 ( thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy,bottel green, black of any size as approved by engineer-in-charge in skirting, risers of steps and dados over 12 mm thick bed of cement mortar 1:3 (1 cement :3 coarse sand) and jointing with Grey cement slurry @ 3.3 kg per sqm including pointing in white cement mixed with pigment of matching shed complete.	744.80	sqm	220.00	163856.00

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32	11.37	Providing and laying ceramic glazed floor tiles 300X300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS: 15622 of approved make in colours such as white, ivory, grey, fume red brown, laid on 20mm thick cement mortar 1:4 (1 cement:4 coarse sand) including pointing the joints with white cement and matching pigment etc. complete.	688.35	sqm	120.00	82602.00
33	11.41.2	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption's less than 0.08% and conforming to IS : 15622 of approved make in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc., complete:- Size of Tile 60x60 cm	1119.40	sqm	5.00	5597.00
34	12.41	Providing and fixing on wall face unplasticised rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion . (I) Single socketed pipe:-				
(i)	12.41.1	75 mm diameter	148.75	Metre	50.00	7437.50
(ii)	12.41.2	110 mm diameter	236.35	Metre	200.00	47270.00
35		Providing and fixing on wall face unplasticised-PVC moulded fittings/accessories for unplasticised - Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion:				
(i)	12.42.3.1	Single tee with door.- 75x75x75 mm	121.50	Each	10.00	1215.00
(ii)	12.42.3.2	Single tee with door.- 110x110x110 mm.	181.55	Each	50.00	9077.50
(iii)	12.42.5.1	Bend 87.5 degree:- 75 mm bend	76.55	Each	10.00	765.50
(iv)	12.42.5.2	Bend 87.5 degree:- 110 mm bend	113.10	Each	50.00	5655.00
36	12.43.2	Providing and fixing unplasticised - P.V.C. pipe clips of approved design to unplasticised -P.V.C. rain water pipes by means of 50x50x50 mm hard wood plugs, screw with M.S. screws of required length including cutting brick work and fixing in cement mortar 1:4 (1 cement:4 coarse sand) and making good the wall etc. complete.110 mm	181.40	Each	100.00	18140.00

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37	12.44	Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15 cm diameter and weighing not less than 440 grams.	40.90	Each	18.00	736.20
		Note :- Rates for external plaster are for height up to 10m from ground level unless otherwise stated.				
38	13.4.2	12 mm cement plaster of mix:- 1 : 6 (1 cement : 6 coarse sand)	168.25	sqm	1200.00	201900.00
39	13.5.2	15 mm cement plaster on rough side of single or half brick wall of mix: 1 : 6 (1 cement : 6 coarse sand).	194.60	sqm	1500.00	291900.00
40	13.7.1	12mm cement plaster finished with a floating coat of neat cement of mix : 1:3(1 cement :3 fine sand ).	226.80	sqm	20.00	4536.00
41	13.18	Neat cement punning.	42.60	sqm	20.00	852.00
42	13.26	Providing and applying plaster of Paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	118.70	sqm	100	11870.00
43	13.37.1	White washing with lime to give an even shade: New work (three or more coats)	17.25	sqm	100	1725.00
44	13.42.1	Distemping with 1st quality acrylic washable distemper (ready mixed) of approved manufacturer and of required shade and colour complete as per manufacturer's specification:Two or more coats on new work.	53.15	sqm	3200.00	170080.00
45	13.43.1	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface:- Water thinnable Cement Primer	36.95	sqm	3200.00	118240.00
46	13.44.1	Finishing walls with water proofing cement paint of required shade : New work (Two or more coats applied @ 3.84 kg/10 sqm)	58.80	sqm	1000.00	58800.00
47	13.50.1	Applying priming coat: With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood).	34.95	sqm	100.00	3495.00
48	13.50.3	Applying priming coat: - With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanized iron/steel works.	29.10	sqm	350.00	10185.00
49	13.60.1	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade: Two or more coats on new work.	84.45	sqm	100	8445.00
50	13.61.1	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :Two or more coats on new work	78.40	sqm	350.00	27440.00

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51	13.63.1	Painting with aluminium paint of approved brand and manufacture to give an even shade . Two or more coats on new work	68.35	sqm	100	6835.00
52	13.71	Lettering with black Japan paint of approved brand and manufacture	2.70	per letter per cm height	900	2430.00
53	13.80	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	87.35	sqm	4500.00	393075.00
54	13.82.2	Wall painting with exterior acrylic emulsion paint, having VOC (Volatile Organic Compound ) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour:- Two coats	73.90	sqm	2000.00	147800.00
55	13.85.3	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound ) content. With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre	36.95	sqm	2000.00	73900.00
56	14.1.1	Repairs to plaster of thickness 12mm to 20mm patches of area 2.5 sq. meters and under including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of walls complete including disposal of rubbish to the dumping ground within 50 metres lead :With cement mortar 1:4 (1 cement :4 fine sand).	264.80	sqm	100	26480.00
57		Renewing glass panes ,with putty and nails wherever necessary				0.00
(i)	14.5.1	float glass panes of thickness 4 mm.	637.90	sqm	2.00	1275.80
(ii)	14.5.2	float glass panes of thickness 5.5 mm.	898.55	sqm	2	1797.10
58	14.6.1	Renewing glass panes ,with wooden fillets wherever necessary : float glass panes of thickness 4mm.	852.60	sqm	50	42630.00
59	14.9	Renewal of old putty of glass panes (length)	25.45	Metre	10	254.50
60	14.10	Refixing old glass panes with putty and nails	330.75	sqm	10	3307.50

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61	14.46	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches, etc. complete.	10.80	sqm	4500.00	48600.00
62	14.54.1	Painting with Synthetic Enamel paint of approved brand and manufacture of required colour to give an even shade:One or more coats on old work.	51.30	sqm	600	30780.00
63	14.63.1	Distemping with 1st quality acrylic washable distemper (ready made) of approved manufacturer and of required shade and colour complete. As per manufacturer's specification. One or more coats on old work	29.80	sqm	100	2980.00
64	14.64.1	Finishing walls with water proofing cement paint of required shade:- Old work (One or more coats applied @ 2.20 kg/10sqm) over priming coat of primer applied @ 0.80 litre/10sqm complete including cost of priming coat.	55.70	sqm	100	5570.00
65	14.72	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40mm dia. M.S. tube 1.5 m centre to centre horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube challies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after .The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineer-in-charge .The elevational area of the scaffolding shall be measured for payment purpose .The payment will be made once irrespective of duration of scaffolding.	160.15	Sqm	1700	272255.00
66	15.2.1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer-in-charge:- 1:3:6 or richer mix.	997.05	cum	15	14955.75

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67	15.3	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.	1454.55	cum	20	29091.00
68	15.7.4	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar.	842.75	cum	40.00	33710.00
69	15.8.3	Removing mortar from bricks and cleaning bricks including stacking within a lead of 50 m (stacks of cleaned bricks shall be measured) :from brick work in cement mortar.	2798.60	1000 No	5	13993.00
70		Dismantling doors, windows and clerestory windows (steel or wood) shutter including chokhats, architrave, holdfasts, etc. complete and stacking within 50 metres lead:				0.00
(i)	15.12.1	Of area 3 sqm and below.	157.85	Each	60	9471.00
(ii)	15.12.2	Of area beyond 3 sqm.	216.40	Each	2	432.80
71	15.18	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead.	2.40	kg	200	480.00
72	15.23.1	Dismantling tile work in floor and roofs laid in cement mortar including stacking material within 50 metre lead .For thickness of tiles 10mm to 25mm.	31.55	sqm	10	315.50
73	15.36	Dismantling barbed wire or flexible wire rope in fencing including making rolls and stacking within 50 metres lead.	15.05	kg	100	1505.00
74	15.44.1	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge : 15 mm to 40 mm nominal bore	63.65	Metre	120	7638.00
75	15.52	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead	391.20	Each	5	1956.00

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76	15.56	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	22.40	sqm	2700.00	60480.00
77	16.18.1	Fencing with angle iron post placed at required distance embedded in cement concrete blocks and every 15th post, last but one end post and corner post shall be strutted on both sides and end post on one side only, provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire 9.38 kg per 100 metres (minimum) between the two posts fitted and fixed with G.I. staples, turn buckets etc. complete. cost of posts, struts, earth work and concrete work to be paid for separately): Payment to be made per metre cost of total length of barbed wire used. With G.I. Barbed wire.	12.65	Metre	700	8855.00
78	16.19	Supplying at site Angle iron post & strut of required size including bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes up to 10 mm dia etc. complete.	62.05	kg	300	18615.00
79	16.68	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.	615.70	Sqm	250.00	153925.00
80	17.1.1	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast iron P or S trap, 10 Litre low level white P.V.C. flushing cistern with manually controlled device (handle lever) conforming to IS:7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required: White vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests.	3494.20	Each	8	27953.60

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81	17.2.1	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan ) with seat and lead , 10 litre low level white P.V.C. flushing cistern with manually controlled device (handle level ) , conforming to IS ; 7231 , with all fittings and fixtures complete including cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid.	3418.70	Each	1	3418.70
82	17.7.4	Providing and fixing wash basin with C.I.Brackets,15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White vitreous china flat back wash basin size 550x400 mm with single 15 mm C.P. brass pillar tap.	1817.35	Each	9.00	16356.15
83	17.10.2.2	Providing and fixing Stainless steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I.brackets and stainless steel plug 40mm including painting of fitting and brackets ,cutting and making good the walls wherever required : Kitchen sink without drain board :610x460 mm bowl depth 200mm.	2186.25	Each	9.00	19676.25
84	17.18.1	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever ) conforming to IS -7231 , with all fittings and fixtures complete : 10 litre capacity - White.	831.50	Each	9	7483.50
85	17.28.1	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.Semi rigid pipe 32mm dia				0.00
(i)	17.28.1.1	32 mm dia	75.60	Each	18	1360.80
(ii)	17.28.1.2	40 mm dia	81.40	Each	18	1465.20
86	17.32.2	Providing and fixing mirror of superior glass(of approved quality )and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing: Rectangular shape 453x357 mm.	752.80	no.	18	13550.40

Name & Signature of Bidder



<b>87</b>	<b>18.7</b>	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall				
<b>(i)</b>	<b>18.7.1</b>	15 mm nominal outer dia Pipes	142.95	metre	5	714.45
<b>(ii)</b>	<b>18.7.2</b>	20 mm nominal outer dia Pipe	179.95	metre	20	3599.00
<b>(iii)</b>	<b>18.7.3</b>	25 mm nominal outer dia Pipes	216.20	metre	40	8648.00
<b>88</b>	<b>18.8</b>	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc.				
<b>(i)</b>	<b>18.8.1</b>	15 mm nominal outer dia Pipes	246.20	metre	150	36930.00
<b>(ii)</b>	<b>18.8.2</b>	20 mm nominal outer dia Pipes	284.85	metre	100	28485.00
<b>(iii)</b>	<b>18.8.3</b>	25 mm nominal outer dia Pipes	333.60	metre	10	3336.00
<b>89</b>	<b>18.9</b>	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work				
<b>(i)</b>	<b>18.9.1</b>	15 mm nominal outer dia Pipes	120.65	metre	5	603.25
<b>(ii)</b>	<b>18.9.2</b>	20 mm nominal outer dia Pipes	149.30	metre	5	746.50
<b>(iii)</b>	<b>18.9.3</b>	25 mm nominal outer dia Pipes	191.65	metre	5	958.25
<b>90</b>		Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc. Internal work - Exposed on wall				
<b>(i)</b>	<b>18.10.1</b>	15 mm dia. nominal bore.	186.40	Metre	2	372.80
<b>(ii)</b>	<b>18.10.2</b>	20 mm dia. nominal bore.	224.15	Metre	2	448.30
<b>(iii)</b>	<b>18.10.3</b>	25 mm dia. nominal bore.	247.85	Metre	2	495.70

Name & Signature of Bidder



91		Concealed pipe including painting with anti corrosive bitumastic paint, cutting chases and making good the wall				
(i)	18.11.1	15 mm dia. nominal bore.	285.70	Metre	20	5714.00
(ii)	18.11.2	20 mm dia. nominal bore.	316.20	Metre	10	3162.00
92		Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc.External work				
(i)	18.12.1	15 mm dia. nominal bore.	160.20	Metre	2	320.40
(ii)	18.12.2	20 mm dia. nominal bore.	186.30	Metre	2	372.60
(iii)	18.12.3	25 mm dia. nominal bore.	205.85	Metre	2	411.70
93	18.48 A	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	7.25	per litre	6000	43500.00
94	18.49.1	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :- 15 mm nominal bore	371.70	each	18	6690.60
95	18.50.1	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms. 15 mm nominal bore	555.30	each	9.00	4997.70
96	18.51.1	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. 15 mm nominal bore.	492.55	each	9.00	4432.95
97	18.53.1	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931:- 15mm nominal bore	475.70	each	9.00	4281.30
<b>Total Amount on Scheduled Items (A)</b>						<b>4212756.41</b>

I/We hereby quote.....% above/ at par/ below on DSR'2016 rates for all items placed at Sl. No-1 to 97.

In Words:-

**Bidder is to quote their rate against each & every non-scheduled (Total 12 ) items.**

**(B) Non - Scheduled Items (Based on Market Rate) :-**

Name & Signature of Bidder



98	NSI-1	Brickwork {with available bricks} in foundation, plinth & up to height of 12 m in super-structure, in-cement mortar 1:6 (1 cement:6 coarse sand). (Note:- Available & Reusable Old Bricks will be used by the contractor for which dismantling & removing mortar shall be paid in respective items.)	Cum	10.00	
99	NSI-2	Supply and fixing stainless steel handrail height up to 1.0 m, of approved design along with all post and baluster including cutting, welding, jointing etc, on staircase complete in all respect. Approval of Design of handrail shall be taken by contractor before its fixing in to floor by drilling and without damaging floor/ tile etc.	Metre	20.00	
100	NSI-3	Supply & Commissioning of submersible pump (1-2 HP) capable of supplying water from desired underground water level to water tank provided on the top of building at height of 12m approx, including boring, providing casing (PVC Pipe-Dia 4"-5") & suction pipe (PVC Pipe-Dia 1"-2"), Motor, Starter, Cable, GI Wire etc all complete as per satisfaction & direction of Engineer-Incharge. Make of pump shall be one among KSB, KIRLOSKAR, CRI or other equivalent make as approved by Engineer in charge.	Each	2.00	
101	NSI-4	Providing, erecting and fixing of SMP color coated Galvolum Sheet (approved Make & profile) 0.45 to 0.55 mm thick sheeting in its place with the fasteners of high quality corrosion resistant provided with suitable cap fixed at the rate not more than 1.5 m - 1.8m center to center.	sqm	44.00	
102	NSI-5	Fabrication and Erection of Steel Framework, height up to 12 m comprising angle, channel, plate, beam etc including all connections, cleat, gusset including cutting, welding and painting two coat of red oxide primer before two coat of synthetic enamel paint of approved colour and brand complete in all respect as per direction of Engineer incharge. (Note:- Structural Steel shall be provided by BHEL, free of cost, to the contractor at HERP. Contractor shall arrange its carriage to the site.)	Kg	100.00	

Name & Signature of Bidder



103	NSI-6	Providing and fixing C.P Brass shower rose with 15 or 20 mm inlet: Make L&K/JAQUAR/PLUMBER/JHONSAN: 15 mm Dia	Each	2	
104	NSI-7	Providing & fixing of Wall Mixer - Non telephonic including all fittings. Make:- Plumber/ Hindware/ Jaquar or other equivalent make approved by Engineer-incharge.	Each	9.00	
105	NSI-8	Providing & fixing of Wall mixer with L band including all fittings. Make:- Plumber/ Hindware/ Jaquar or other equivalent make approved by Engineer-incharge.	Each	9.00	
106	NSI-9	Providing & Fixing of WPC (Wood Plastic Composite) Window Frame size-70 mm x 40 mm in required size having desired groove for hanging of shutter includings cutting, grouting of hold fast or fixing by drilling with all complete as per direction of Engineer-Incharge.	Ft	800.00	
107	NSI-10	Providing & Fixing of WPC (Wood Plastic Composite) Window/ Door Glazed shutter-thickness 18mm includings desired fittings viz. hinge, steel handle-150mm, tower bolt etc.with all complete as per direction of Engineer-Incharge. (Glass would be paid separately)	Sqft	100.00	
108	NSI-11	Providing & Fixing of WPC (Wood Plastic Composite) Window/ Door wire-mesh shutter-thickness 25mm includings desired fittings viz. ss wire mesh, hinge, steel handle-150mm, tower bolt etc.with all complete as per direction of Engineer-Incharge. (Measuring Elevcational Area of Window for Payment)	Sqft	800.00	
109	NSI-12	Providing & Fixing of Stainless Steel grill in opening in balcony/verandah of different section of ss pipes in medium weight at desired fittings includings cutting, welding etc. all complete as per direction of Engineer-Incharge. Elevcational Area shall be measured for Payment.	sqm	110.00	
<b>Total on Non-Scheduled Items (B)</b>					<b>0.00</b>
<b>GST (Please Tick ✓ whichever is applicable)</b>			<b>Extra</b>	<b>Inclusive</b>	
<b>GST% (In Figure &amp; Words):-</b>					

Name & Signature of Bidder



# **GENERAL CONDITIONS OF CONTRACT (GCC)**

**For**

**Civil Works**

**At**

**BHEL - HERP, Varanasi**



**DOC NO:- HERP/CIVIL/GCC/2017, REV-00**

**BHARAT HEAVY ELECTRICALS LIMITED  
HEAVY EQUIPMENT REPAIR PLANT  
TARNA, SHIVPUR  
VARANASI-221003**

# **GENERAL CONDITIONS OF CONTRACT (GCC)**

**For**

**Civil Works**

**At**

**BHEL - HERP, Varanasi**

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## **1. DEFINITIONS:-**

In this General Conditions of Contract (GCC) the following terms shall have the meaning hereby assigned to them except where the context otherwise requires:-

- (a) The "**CONTRACT**" means the documents forming and acceptance thereof together with all the document referred including General conditions of contract (GCC), Special Conditions of contract (SCC), schedule A, B, and C, the drawings or any other documents mentioned in tender document. All the documents as applicable taken together shall be deemed to form one contract and shall be complementary to one another. The word "CONTRACT" wherever used shall cover only works contract related to Repair & Maintenance of existing assets/buildings/sheds/structures, New Civil & Services Works, Infrastructural Works for addition of any facility or any other civil works identified for HERP's plant, township, boundary wall etc.
- (b) The "**TENDER DOCUMENT**" means the documents which include BOQ (Schedule-A), Schedule-B, Schedule-C, GCC, SCC, specifications/drawings (if any) as given to contractors for the purpose of participating in the tender.
- (c) The "**WORK**" means the work described in the tender document in individual work order and /or accompanying drawings, BOQ and specifications as may be issued from time to time to the contractor by the Engineer In charge in writing the power conferred upon them, including all modifications or additional works and obligations to be carried out either at the site either in factory, workshop or any other place as may be essentially required for the performance of the work.
- (d) The "**SITE**" means the land and/ or other place on into or through which the work is to be executed under the contract or any adjacent land, part or structure which may be allotted to or used for the purpose of carrying out the contract.
- (e) The "**CONTRACTOR**" means the successful bidder/Tenderer who is awarded the Contract and shall include the individual (Proprietorship), partnership firm or company whether incorporated or not, undertaking the work and shall include the legal personal representatives of such individuals or the person(s) composing the firm or company and the permitted assigns of such individuals or firm or company.
- (f) The abbreviations "**SE/DM/Mgr./SM/DGM/SDGM/AGM/GM**" means Senior Engineer / Deputy Manager/Manager/Senior Manager/Deputy General Manager /Sr. Dy. General Manager / Additional General Manager / General Manager respectively who will direct the contract.
- (g) The "**ENGINEER IN CHARGE**" means the Assistant Engineer / Engineer / Sr. Engineer or any other senior executive deputed by competent authority of BHEL to supervise the work or part of the work on behalf of the First Party (BHEL).
- (h) "**ACCEPTING AUTHORITY**" means BHEL's executive who is competent as per delegation of power (DOP).
- (i) "**APPROVED**" means approval of directions, of the BHEL's executive or person deputed by them who are competent to approve as per delegation of power, for the

particular purpose.

- (j) "**Bharat Heavy Electricals Limited**" hereinafter referred to as **BHEL** and "**Heavy Equipment Repair Plant**" hereinafter referred to as **HERP**.
- (k) The "**CONTRACT SUM**" means the sum accepted or the sum calculated in accordance with the prices accepted in tender and/or the Contract rate as applicable for the entire execution and full completion of the work.
- (l) The "**FINAL SUM**" means the sum calculated in accordance with the prices accepted in tender and/or the contract rate in consideration of actual executed quantity of each & every item of the contract after completion of whole/part work as required by BHEL & certified by engineer in charge signing recorded measurement of actual work done by the contractor.
- (m) The "**TIME OF COMPLETION**" is the time for completion of the full work or any part of the work as described in letter of intent (LOI) or work order (WO) or any subsequent amendments thereto.
- (n) A "**WEEK**" means seven days without regard to the number of hours worked in any day in that week.
- (o) A "**DAY**" means a day of 24 (twenty -four) hours irrespective of the number of hours worked or not worked in that day.
- (p) A "**WORK DAY**" means day other than that prescribed by the Negotiable Instruments Act, as being a holiday and consists of the number of hours of labour as commonly recognized by good employers in the trade, in the district where the work is carried out or as laid in the BHEL Rules and Regulations.
- (q) A "**MONTH**" means Greek Calendar Month unless otherwise specified in the Tender.
- (r) "**DEFECT LIABILITY PERIOD**" (**DLP**) in relation to a work means the specified period commencing from the date of Completion during which the Contractor stands responsible for rectifying all defects that may appear in the works executed by the Contractor in pursuance of the Contract and includes warranties against manufacturing/fabrication/erection/construction defects covering all materials plants, equipment, components, and the like supplied by the Contractor, works executed against workmanship defects.
- (s) "**NIT**" means Notice Inviting Tender.
- (t) "**SCC**" means Special Conditions of the contract.

## **2. APPLICABILITY:-**

- (a)** This General Conditions of Contract (GCC) and amendments thereto (if any) shall apply on all tenders (Single, Limited or Open) floated by Civil Maint. Dept. for various civil works.
- (b)** All contractors participating in the tender need to submit signed & stamped copy of this GCC including amendments (if any) in token of complete acceptance about terms & conditions.

## **3. GENERAL INSTRUCTION:-**

- (a)** The General Conditions of Contract (GCC) shall form part of the tender document. All pages of the tender documents shall be duly signed, stamped and submitted along with the offer in token of complete acceptance thereof. Contractors/contractors are advised to study all the pages of GCC, tender document, drawing, specification, special terms etc forming part of tender before its acceptance. Any submission of signed & stamped copy of documents by the contractor shall be deemed to have been done after careful study and examination of the tender documents and with the full understanding of the implications thereof.
- (b)** Tenders shall be signed by a person duly authorized /empowered to do so. An attested copy of Power of Attorney, in case the tender is signed by an individual other than the sole proprietor shall be submitted along with the tenders.
- (c)** Should the contractors have any doubt about the meaning of any portion or find discrepancies or omissions in the tender documents issued or downloaded are incomplete or shall require clarification on any of the technical aspect, the scope of work etc., she/he shall at once, contact the authority inviting the tender well in time (so as not to affect last date of submission) for clarification before the submission of the tender.
- (d)** Contractor's request for clarifications shall be with reference to Sections and Clause numbers given in the tender documents. The specifications and terms and conditions shall be deemed to have been accepted by the contractor in his offer if she/he submits signed & stamped copy along with their techno-commercial offer.
- (e)** Noncompliance with any of the requirements and instructions of the tender enquiry may result in the rejection of the tender.

## **4. SUBMISSION OF TENDER:-**

- (a) The contractors must submit their tenders by dropping it in to Tender Box placed in the office at designated place or as per instructions in the NIT.
- (b) Tenders submitted by post should be sent by '**SPEED POST/REGISTERED POST/COURIER**' and shall be posted with due allowance for any postal/courier delays. BHEL takes no responsibility for delay, loss or non-receipt of tenders sent by post/courier.
- (c) The tenders received after the specified time of their submission are treated as 'Late Tenders' and shall not be considered. Offers received by Fax/Email/Internet shall be considered as per terms of NIT if mentioned therein.
- (d) Tenders shall be opened by authorized Officer of Civil & Finance dept. of HERP at designated place within HERP at the time and date as specified in the NIT. Those contractors who wish to witness tender opening may present or send his authorized representative before scheduled time of tender opening. There will be no extra time for such presence and tender will be opened at the scheduled time without waiting for any contractor.
- (e) In case of single part bid, date of tender opening shall be date of opening of price bid. In case of three/wo part bid, contractors whose part one & two bids are found suitable/qualified shall be informed the date and time of opening of the Price Bids and such contractors may present themselves or depute their representatives to witness the opening of the price bids. BHEL's decision in this regard shall be final and binding.
- (f) Before submission of Offer, the contractors are advised to inspect the site of work and the environments and be well acquainted with the actual working and other prevalent conditions, facilities available, position of material and labour, means of transport and access to Site, accommodation, etc. No claim will be entertained later on the grounds of lack of knowledge of any of these conditions.
- (g) The contractor shall quote the rates in Indian Rupees and write it in English language and international numerals. These rates shall be entered in figures as well as in words. If there is any difference in figures & words, rates entered in words shall be considered for further processing of tender. For the purpose of the tenders, the SI units shall be used.
- (h) All entries in the tender shall either be typed or written legibly in ink by ball point pen. Erasing and over-writing is not permitted and may render such tenders liable for rejection. All cancellations and insertions shall be duly attested by the contractor.

## **5. QUALIFICATION OF CONTRACTOR:-**

- (a) Since registration of contractor in their respective category has been carried out after scrutiny of their work experience, financial status etc. & thus in case of single or limited tender floated & addressed to all registered contractor in their respective category, single part bid (Price bid & SCC) shall be provided to the contractor and they will be asked to quote their price & taxes against respective item or at designated place in price bid along with acceptance of SCC.
- (b) In case of open tender, separate qualification criteria suiting to the work requirement shall be formed & placed in tender documents.

## 6. TENDER COST:-

Contractors need to deposit tender cost in to BHEL-HERP's account by EFT only & a copy of proof submitted along with Techno Commercial Bid bid if downloaded from website or presented to the bid selling officer at the time of purchase of bid from Civil Dept. of HERP. All contractors who are registered in MSMEs category are exempted from tender cost.

### **BHEL-HERP Account Details:-**

Name of the Bank Branch: - State Bank of India (SBI), Main Branch, Varanasi  
 Account No: - 11103264820  
 IFSC: - SBIN0000201  
 A/c type: - Current

Rate of tender cost shall be as mentioned hereunder:-

- |  |                   |
|--|-------------------|
| (a) For the work value up to Rs. 2 Lacs                          | Rs. 50/-          |
| (b) For the work value more than Rs. 2 Lacs & up to Rs. 5 Lacs   | Rs 100/-          |
| (c) For the work value more than Rs. 5 Lacs & up to Rs. 10 Lacs  | Rs 150/-          |
| (d) For the work value more than Rs. 10 Lacs & up to Rs. 15 Lacs | Rs 200/-          |
| (e) For the work value more than Rs. 15 Lacs & up to Rs. 20 Lacs | Rs 250/-          |
| (f) For the work value more than Rs. 20 Lacs –                   | As written in NIT |

## 7. EARNEST MONEY DEPOSIT (EMD):-

- (a) EMD is to be paid by contractors for securing fulfillment of any obligations in terms of the NIT. Every tender must be accompanied by the prescribed amount of Earnest Money Deposit (EMD) in the manner described herein.
- (b) EMD shall be furnished along with the offer in full as per the amount indicated in the NIT.
- (c) Rates of EMD shall be as under:-

For works/ services with estimates up to Rs.10 Cr	2% of the estimated cost
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For works/ services with estimates more than Rs.10 Cr	20 lakhs plus 1% of the estimated cost over Rs. 10 Cr
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- (d) Where work is to be split on two or more contractors, amount of EMD may be based on the maximum quantum of work envisaged on one Contractor.
- (e) The EMD may be accepted only in the following forms:-
- I. Electronic Fund Transfer (EFT) credited in BHEL-HERP account (before tender opening) details of which must be attached along with Techno Commercial bid.
  - II. In case total EMD amount is more than 20 Lakh, the amount in excess of 20 lakh may be accepted in the form of Bank Guarantee from scheduled bank. The Bank Guarantee in such cases shall be valid for at least six months.
- (f) Forfeiture of EMD:- EMD by the Contractor will be forfeited as per NIT conditions, if:-
- I. After opening the tender and within the offer validity period, the contractor revokes his tender or makes any modification in his tender which is not acceptable to BHEL.
  - II. The Contractor fails to deposit the required Security deposit or commence the work within the period as per LOI/Work Order/Contract. In case the LOI /Contract is silent in this regard then within 15 days after award of contract.
- (g) EMD by the contractor shall be withheld in case any action on the contractor is envisaged under the provisions of extant "Guidelines on Suspension of business dealings with suppliers/ contractors" and forfeited/ released based on the action as determined under these guidelines.
- (h) EMD given by all unsuccessful contractors shall be refunded normally within fifteen days of award of work.
- (i) EMD shall not carry any interest.
- (j) EMD of successful contractor will be retained as part of Security Deposit.

## **8. SECURITY DEPOSIT (SD):-**

- (a) Security Deposit means the security provided by the Contractor towards fulfillment of any obligations in terms of the provisions of the contract.
- (b) The total amount of Security Deposit will be 5% of the contract value or contract sum. EMD of the successful contractor shall be converted and adjusted towards the required amount of Security Deposit.
- (c) The balance amount (over than EMD amount converted in to SD) to make up the

required Security Deposit of 5% of the contract value may be accepted in the following forms:-

- I. Electronic Fund Transfer in favor of BHEL (Account details may be obtained from civil dept. of HERP).
- II. Bank Guarantee from Scheduled Banks/ Public Financial Institutions as defined in the Companies Act. The Bank Guarantee format should have the approval of BHEL.
- III. Fixed Deposit Receipt (FDR) issued by Scheduled Banks/ Public Financial Institutions as defined in the Companies Act (FDR should be in the name of the Contractor, a/c BHEL) subject to FDR has its auto renewability clause/feature.
- IV. Securities available from Indian Post offices such as National Savings Certificates, Kisan Vikas Patra etc. (held in the name of Contractor furnishing the security and duly endorsed/ hypothecated/ pledged, as applicable, in favor of BHEL)

(d) BHEL will not be liable or responsible in any manner for the collection of interest or renewal of the documents or in any other matter connected therewith.

**(e) Collection of Security:** - At least 50% of the required Security Deposit, including the EMD, should be deposited before start of the work. Balance of the Security Deposit can be collected by deducting 10% of the gross amount progressively from each of the running bills of the Contractor till the total amount of the required Security Deposit is collected.

If the value of work done at any time exceeds the contract value, the amount of Security Deposit shall be correspondingly enhanced and the additional Security Deposit shall be immediately deposited by the Contractor or recovered from payment/s due to the Contractor.

If actual executed work value is lower than contract amount or contract sum, extra security deposit (cash or any other form whichever is possible) shall be refunded to the contractor along with final bill.

The recoveries made from running bills (cash deduction towards balance SD amount) can be released against submission of equivalent Bank Guarantee in acceptable form, but only once, before completion of work.

(f) 100% Security Deposit shall be released to the Contractor after completion of warranty period / defect liability period (DLP) & upon fulfillment of contractual obligations as per terms of the contract.

(g) The Security Deposit shall not carry any interest.

(h) The validity of Bank Guarantees towards Security Deposit shall be initially up to the completion period as stipulated in the Letter of Intent/Award + 3 months, and the same shall be kept valid by proper renewal till the acceptance of Final Bills of the Contractor, by BHEL.

(i) BHEL reserves the right of forfeiture of Security Deposit in addition to other claims

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**General Conditions of Contract (GCC) for Civil Works at BHEL-HERP**

**Document No:-HERP/CIVIL/GCC/2017/REV00#**

and penalties in the event of the Contractor's failure to fulfill any of the contractual obligations or in the event of termination of contract as per terms and conditions of contract. BHEL reserves the right to set off the Security Deposit against any claims of other contracts with BHEL.

- (j) Where ever Bank Guarantees are to be furnished/submitted by the contractor, the following shall be complied with
- I. Bank Guarantees shall be from Scheduled Banks / Public Financial Institutions as defined in the Companies Act.
  - II. The Bank Guarantees shall be as per prescribed formats approved by BHEL.
  - III. It is the responsibility of the contractor to get the Bank Guarantees revalidated/extended for the required period, as per the advice of BHEL representative or Engineer in Charge. BHEL shall not be liable for issue of any reminders regarding expiry of the Bank Guarantees.
  - IV. In case the Bank Guarantees are not extended before the expiry date, BHEL reserves the right to invoke the same by informing the concerned Bank in writing, without any advance notice/communication to the concerned contractor.
  - V. Contractors to note that any corrections to Bank Guarantees shall be done by the issuing Bank, only through an amendment in an appropriate non judicial stamp paper.
  - VI. The Original Bank Guarantee shall be sent directly by the Bank to BHEL under Registered Post, addressed to the Civil Dept. of HERP.

## **9. VALIDITY OF OFFER:-**

The rates in the Tender shall be kept open for acceptance for a minimum period of **SIX MONTHS** from latest due date of offer submission (including extension, if any). In case BHEL (Bharat Heavy Electricals Ltd) calls for negotiations, such negotiations shall not amount to cancellation or withdrawal of the original offer which shall be binding on the contractors.

## **10. CONTRACT AGREEMENT FORMALITIES:-**

- (a) The successful contractor's responsibility under this contract commences from the date of issue of the Letter of Intent (LOI) by Bharat Heavy Electricals Limited. The Contractor shall submit an unqualified acceptance to the Letter of Intent/Award within the period stipulated therein.
- (b) The successful contractor shall be required to execute an agreement in the prescribed form, with BHEL, within a reasonable time after the acceptance of the Letter of Intent/Award, and in any case before releasing the first running bill. The contract agreement shall be signed by a person duly authorized/empowered by the contractor.
- (c) The expenses for preparation of contract agreement document shall be borne by BHEL except purchase of non-judicial stamp paper which shall be

arranged by the contractor. Also, contractor shall provide required no of non-judicial stamp paper at the time of closing of contract.

## **11. REJECTION OF TENDER & OTHER TERMS:-**

BHEL reserves its full right for the following without assigning any reason whatsoever:-

- (a)** To reject any or all of the tenders.
- (b)** To split up the work amongst two or more contractors as per NIT.
- (c)** To award the work in part if specified in NIT.
- (d)** In case of either of the contingencies stated above for split or part work, the time for completion as stipulated in the tender shall be applicable.
- (e)** Conditional tenders, unsolicited tenders, tender which are incomplete or not in the form specified or defective or have been materially altered or not in accordance with the tender conditions, specifications etc., are liable to be rejected.
- (f)** Tenders are liable to be rejected in case of unsatisfactory performance of the contractor with any BHEL's location, or contractor under suspension (hold/banning /delisted) by any unit / region / division of BHEL or contractors who do not comply with the latest guidelines of Ministry/Commissions of Govt. of India.
- (g)** To reject a contractor in case it is observed that they are overloaded and may not be in a position to execute this job as per the required schedule. The decision of BHEL will be final in this regard.
- (h)** If a contractor who is a proprietor expires after the submission of his tender or after the acceptance of his tender, BHEL may at their discretion, cancel such tender. If a partner of a firm expires after the submission of tender or after the acceptance of the tender, BHEL may then cancel such tender at their discretion, unless the firm retains its character.
- (i)** BHEL will not be bound by any Power of Attorney granted by changes in the composition of the firm made subsequent to the entering in to contract agreement for a work.
- (j)** If the contractor deliberately gives wrong information in his tender, BHEL reserves the right to reject such tender at any stage or to cancel the contract if awarded and forfeit the Earnest Money/Security Deposit/any other money due.
- (k)** Canvassing in any form in connection with the tenders submitted by the Contractor shall make his offer liable to rejection.

- (l) In case the Proprietor, Partner or Director of the Company/Firm submitting the Tender, has any relative employed in BHEL, the appropriate authority shall be informed of the fact as per specified format. Failing to do so, BHEL may, at its sole discretion, reject the tender or cancel the contract and forfeit the Earnest Money/Security Deposit.
- (m) The successful contractor should not sub-contract part or complete work detailed in the tender specification undertaken by him without written permission of BHEL's Competent Authority / Engineer In Charge. The contractor is solely responsible to BHEL for the work awarded to him.
- (n) The Tender submitted by a techno commercially qualified contractor shall become the property of BHEL who shall be under no obligation to return the same to the contractor. However unopened price bids and late tenders shall be returned to the contractors.
- (o) Unsolicited discount received after the due date and time of Bid Submission shall not be considered for evaluation. However, if the party who has submitted the unsolicited discount/rebate becomes the L-I party, then the awarded price i.e. contract value shall be worked out after considering the discount so offered.
- (p) BHEL shall not be liable for any expenses incurred by the contractor in the preparation of the tender irrespective of whether the tender is accepted or not.

## **12. LAW GOVERNING THE CONTRACT & COURT JURISDICTION:-**

The contract shall be governed by the Law for the time being in force in the Republic of India. The Civil Court having original Civil Jurisdiction at Varanasi, for all works contract at BHEL-HERP shall alone have exclusive jurisdiction in regard to all claims in respect of the Contract. No other Civil Court shall have jurisdiction in case of any dispute, under this contract.

## **13. ISSUE OF NOTICE:-**

- (a) **Service of notice on contractor:** - Any notice to be given to the Contractor under the terms of the contract shall be served by sending the same by Registered Post / Speed Post to or leaving the same at the Contractor's last known address of the principal place of business (or in the event of the contractor being a company, to or at its Registered Office). In case of change of address, the notice shall be served at changed address as notified in

writing by the Contractor to BHEL. Such posting or leaving of the notice shall be deemed to be good service of such notice and the time mentioned to the condition for doing any act after notice shall be reckoned from the date so mentioned in such notice.

- (b) Service of notice on BHEL:** - Any notice to be given to BHEL, HERP under the terms of the Contract shall be served by sending the same by post to or leaving the same at BHEL address or changed address as notified in writing by BHEL to the Contractor.

**14. USE OF LAND: -**

No land belonging to BHEL shall be occupied by the contractor without written permission of BHEL.

**15. COMMENCEMENT OF WORK:-**

- (a)** The contractor shall commence the work within time as indicated in the Letter of Intent (LOI) or Work Order (WO) issued from BHEL and shall arrange to proceed the same with due expedition without delay.
- (b)** If the contractor fails to start the work within stipulated time as per LOI/WO or as intimated by BHEL, then BHEL at its sole discretion will have the right to cancel the LOI/WO or terminate the contract. The Earnest Money and/or Security Deposit with BHEL will stand forfeited without any further reference to him without prejudice to any and all of BHEL's other rights and remedies in this regard.
- (c)** All the work shall be carried out under the direction and to the satisfaction of BHEL's representative.

**16. MEASUREMENT OF WORK & PAYMENT:-**

- (a)** All payments due to the contractors shall be made by e-payment (NEFT/RTGS) mode only, unless otherwise found operationally difficult.
- (b) Running bills shall be prepared & processed monthly i.e. once in a month or after production of bill by the contractor whichever is later.**
- (c) Running Bill:** - The Contractor shall present themselves or their representative for joint measurement of actual work done during the month/period under various categories in line with terms of payment as per contract. The basis of arriving at the quantities, weights etc. shall be actual work done only. Based on this joint measurement, measurement sheets/measurement books shall be prepared by Engineer in Charge and should be agreed & signed by both the parties before submission to BHEL

engineers/superiors for its sample verification.

- (d) Sample check/verification of these measurement sheets/books will be done by BHEL Engineers/Seniors (Minimum in the rank of Sr. Engineer, E2) and quantities eligible for payment under various items of BOQ shall be decided.
- (e) Payment shall be made by BHEL's finance dept. after carrying out all recoveries due from the contractor.
- (f) All recoveries due from the contractor for the month/period shall be effected in full from the corresponding running bills unless specific approval from the competent authorities is obtained to the contrary.
- (g) Measurement shall be restricted to that portion of work for which it is required to ascertain the financial liability of BHEL under this contract.
- (h) The measurement shall be taken jointly by persons duly authorized on the part of BHEL and by the Contractor.
- (i) The Contractor shall bear the expenditure involved if any, in making the measurements and testing of materials to be used/used in the work. The contractor shall, without extra charges, provide all the assistance with appliances and other things necessary for measurement.
- (j) If at any time due to any reason whatsoever, it becomes necessary to re-measure the work done in full or in part, the expenses towards such re measurements shall be borne by the contractor unless such re measurements are warranted solely for reasons not attributable to contractor.
- (k) Passing of bills covered by such measurements does not amount to acceptance of the completion of the work measured. Any left out work has to be completed, if pointed out at a later date by BHEL.
- (l) **Final measurement bill** shall be prepared in the final bill format prescribed for the purpose based on the certificate issued by BHEL's Engineer in charge that entire works as stipulated in tender specification has been completed in all respects to the entire satisfaction of BHEL. Contractor shall give unqualified "No Claim" Certificate in the non judicial stamp paper. All the tools and tackles loaned to him should be returned in satisfactory condition to BHEL. The abstract of final quantities and financial values shall also be entered in the Measurement Books and signed by both parties to the contract. The Final Bill shall be prepared and paid within a reasonable time, preferably within 30 days of submission of bills completed in all respect to BHEL's finance dept., after completion of work as certified by BHEL.

## **17. RIGHTS OF BHEL:-**

BHEL reserves the following rights in respect of this contract during the original contract period or its extensions if any, as per the provisions of the contract, without entitling the contractor for any compensation.

- (a)** To withdraw any portion of work and/or to restrict/alter quantum of work as indicated in the contract during the progress of work and get it done through other agencies to suit BHEL's commitment to its internal/external customer or in case BHEL decides to advance the date of completion due to other emergent reasons/ BHEL's operational or any other requirement or obligation to its customer.
- (b)** To meet the expenses including BHEL overheads @ 15% on the differential cost over and above the Liquidated damages/penalties arising out of "Risk & Cost" as explained above under Sl.No. (a) above. BHEL shall recover the amount from any money due from Contractor, or from any money due to the Contractor including Security Deposit, or by forfeiting any T&P or material of the contractor under this contract or any other contract of BHEL or by any other means or any combination thereof
- (c)** To terminate the contract or get any part of the work done through other agency or deploy BHEL's own/hired/otherwise arranged resources , at the risk and cost of the contractor after due notice of a period of minimum two weeks (or lesser period in case of urgent work certified by Dept. Head of Civil Dept, HERP, Varanasi) by BHEL, in the event of:-
1. Contractor's continued poor progress
  2. Withdrawal from or abandonment of the work before completion of the work.
  3. Contractor's inability to progress the work for completion as stipulated in the contract.
  4. Poor quality of work.
  5. Corrupt act of Contractor.
  6. Insolvency of the Contractor.
  7. Persistent disregard to the instructions of BHEL.
  8. Assignment, transfer, sub-letting of contract without BHEL's written permission.
  9. Non fulfillment of any contractual obligations.
  10. In the opinion of BHEL, the contractor is overloaded and is not in a position to execute the job as per required schedule.
- (d)** To terminate the contract or to restrict the quantum of work and pay for the portion of work executed in case any of above clause (c)-1-10 applies.
- (e)** To effect recovery from any amounts due to the contractor under this or any other contract or in any other form, the moneys BHEL is statutorily forced to pay to anybody, due to contractor's failure to fulfill any of his obligations. BHEL shall levy overheads @ 15% on all such payments along with interest as defined elsewhere in the GCC or prevailing interest in BHEL.

- (f) While every endeavor will be made by BHEL to this end, but cannot guarantee uninterrupted work due to conditions beyond BHEL's control. The Contractor will not be normally entitled for any compensation/extra payment on this account unless otherwise specified elsewhere in the contract.
- (g) In case the execution of works comes to a complete halt or reaches a stage wherein worthwhile works cannot be executed and there is no possibility of commencement of work for a period of not less than two months, due to reasons not attributable to the contractor and other than Force Majeure conditions, BHEL may consider permitting the contractor to de mobilize forthwith and re mobilize at an agreed future date. Cost of such demobilization/remobilization shall be mutually agreed. The duration of contract/time extension shall accordingly get modified suitably. In case of any conflict, BHEL decision in this regard shall be final and binding on the contractor.

## **18. LIQUIDATED DAMAGES/PENALTY (LD):-**

If the contractor fails to maintain the required progress of work which results in delay in the completion of the work as per the contractual completion period, BHEL shall have the right to impose Liquidated Damage/Penalty. Rate of LD shall be 0.5% of the CONTRACT SUM, per week of delay or part thereof, till completion of works. After completion of works and at the time of passing final bill, LD amount shall be calculated as applicable % (based on period of delay & subject to maximum 10%) on FINAL SUM. Any shortfall or excess amount on account of LD shall be recovered or refunded accordingly at the time of passing final bill

The period of delay shall be taken as delay, attributable to the Contractor, in the completion of work.

In case of Annual Maintenance Contracts (AMC) pertaining to various Civil Works, the period of delay shall be calculated from the date of scheduled completion mentioned in "Work Permit" issued by Civil Dept. duly signed by Engineer in Charge and/or a BHEL's executive minimum in the rank of Sr. Engineer (E2). The sum, on which LD/Penalty (in AMC) shall be calculated for this purpose, shall be the value of part work indicated in that respective work permit.

## **19. LOCAL LAWS, EMPLOYMENT OF WORKERS ETC:-**

- (a) The following are the responsibilities of the contractor in respect of observance of local laws, employment of personnel, payment of taxes etc.
- (b) In case any law/rule shall apply on BHEL regarding Building & Other Construction Workers (BOCW), it shall be contractor's responsibility to discharge such liability. BHEL shall not bear any such liability and has full right to recover any such liability from the contractor.
- (c) The contractor shall fully indemnify BHEL against any claims of whatsoever nature arising due to the failure of the contractor in

discharging any of his responsibilities mentioned in next points.

- (d) As far as possible, Unskilled Workers shall be engaged from the local areas in which the work is being executed.
- (e) The contractor at all times during the continuance of this contract shall, in all his dealings with local labor for the time being employed on or in connection with the work, have due regard to all local festivals and religious and other customs.
- (f) The contractor shall comply with all applicable State and Central Laws, Statutory Rules, Regulations etc. such as Payment of Wages Act, Minimum Wages Act, Workmen Compensation Act, Employer's Liability Act, Industrial Disputes Act, Employers Provident Act, Employees State Insurance Scheme, Contract Labour (Regulation and Abolition) Act 1970, Payment of Bonus & Gratuity Act and other Acts, Rules and Regulations for labour as may be enacted by the Government during the tenure of the Contract and having force or jurisdiction at Site. The Contractor shall also give to the local Governing Body, Police and other relevant Authorities all such notices as may be required by the Law.
- (g) The contractor shall obtain independent License, if required as per law/rule, under the Contract Labor (Regulations and Abolition Act, 1970) from the concerned Authorities based on the certificate (Form-V) issued by the Principal Employer i.e. BHEL.
- (h) The contractor shall pay all taxes, fees, license charges, deposits, duties, tolls, royalties, commission or other charges which may be leviable on account of his operations in executing the contract.
- (i) Contractor shall be responsible for provision of Health and Sanitary arrangements (more particularly described in Contract Labour Regulation & Abolition Act), Safety precautions etc. as may be required for safe and satisfactory execution of contract.
- (j) The contractor shall be responsible for proper accommodation including adequate medical facilities for personnel employed by him.
- (k) The contractor shall be responsible for the proper behavior and observance of all regulations by the staff employed by him.
- (l) The contractor shall ensure that no damage is caused to any person/property of other parties working at site. If any such damage is caused, it is responsibility of the contractor to make good the losses or compensate for the same.
- (m) All the properties/equipment/components of BHEL loaned with or without deposit to the contractor in connection with the contract shall remain

properties of BHEL.

- (n) The contractor shall use such properties for the purpose of execution of this contract. All such properties/equipment/components shall be deemed to be in good condition when received by the contractor unless he notifies within 48 hours to the contrary. The contractor shall return them in good condition as and when required by BHEL. In case of non-return, loss, damage, repairs etc, the cost thereof as may be fixed by BHEL Engineer In Charge will be recovered from the contractor.

## **20. PROGRESS MONITORING & REVIEW:-**

- (a) A detailed plan/programme for completion of the contractual scope of work as per the time schedule given in the contract may be jointly agreed between BHEL and Contractor before commencement of work. This programme shall be supported by month wise deployment of resources viz Manpower, T&P, Consumables, etc.
- (b) Progress will be reviewed periodically, Daily/Weekly/Monthly as per requirement of BHEL, vis a vis jointly agreed programme. The Contractor shall submit periodical progress reports (Daily/Weekly/Monthly) and other reports/information including manpower, consumables, T&P mobilization etc as & when required by BHEL for monitoring of the work progress.
- (c) The burden of proof that the causes leading to any shortfall are not due to any reasons attributable to the contractor is on the contractor himself.
- (d) Any delay in completion of works/or non-achievement of periodical targets due to the reasons attributable to the contractor, the same may have to be compensated by the contractor either by increasing manpower and resources or by working extra hours and/or by working more than one shift. All these are to be carried out by the contractor at no extra cost.
- (e) The contractor will be directly responsible for payment of wages to his workmen. A pay roll sheet giving all the payments given to the workers and duly signed by the contractor's representative should be furnished to BHEL site for record purpose, if so called for.
- (f) Also, no idle charges will be admissible in the event of any stoppage caused in the work resulting in contractor's labour and Tools & Plants being rendered idle due to any reason at any time.
- (g) The contractor shall not stop the work or abandon the site for whatsoever reason of dispute, excepting force majeure conditions. All such problems/disputes shall be separately discussed and settled without affecting the progress of work. Such stoppage or abandonment shall be treated as breach of contract and dealt with accordingly

## **21. SAFETY:-**

- (a)** All safety rules and codes applied by BHEL at site shall be observed by the contractor without exception. The contractor shall be responsible for the safety of the equipment/material and works to be performed by him and shall maintain all light, fencing guards, slings etc. or other protection necessary for the purpose.
- (b)** Contractor shall take such additional precautions as may be indicated from time to time by the Engineer in charge with a view to prevent pilferage, accidents, fire hazards. Due precautions shall be taken against fire hazards and atmospheric conditions. Suitable number of Clerical staff, watch and ward, store keepers to take care of equipment/materials and construction tools and tackles shall be posted at site by the contractor till the completion of work under this contract.
- (c)** The contractor shall arrange for such safety devices as are necessary for work and carry out the requisite site tests of handling equipment, lifting tools, tackles etc. as per prescribed standards and practices.
- (d)** The contractor shall take all reasonable care to protect the materials and work till such time the plant/equipment has been taken over back by BHEL.

## **22. TIME FOR COMPLETION:-**

- (a)** The time schedule shall be as prescribed in the Letter of Intent/Work Order/Contract agreement. The time for completion shall be reckoned from the date of commencement of actual work at Site as certified by BHEL's Engineer in charge.
- (b)** The entire work shall be completed by the contractor within the time schedule or within such extended periods of time as may be allowed by BHEL under clause 23.

## **23. EXTENSION OF TIME FOR COMPLETION:-**

- (a)** If the completion of work as detailed in the schedule-A (BOQ) / Scope of work gets delayed beyond the contract period, the contractor shall request for an extension of the contract and BHEL at its discretion may extend the Contract.
- (b)** Based on the jointly signed review of balance quantum of work, the works balance at the end of original contract period less the backlog attributable to the contractor shall be quantified, and the period of 'Time extension' required for completion of the same shall be jointly worked out. Within this period of 'Time extension', the contractor is bound to complete the portion of backlog

attributable to the contractor. Any further 'Time extension' or 'Time extensions' at the end of the previous extension shall be worked out similarly.

- (c) However if any 'Time extension' is granted to the contractor to facilitate continuation of work and completion of contract, due to backlog attributable to the contractor alone, then it shall be without prejudice to the rights of BHEL to impose penalty/LD for the delays attributable to the contractor, in addition to any other actions BHEL may wish to take at the risk and cost of contractor.
- (d) A joint programme shall be drawn for the balance amount of work to be completed during the period of 'Time Extension', along with matching resources to be deployed by the contractor. Review of the programme and record of shortfall shall be done during the period of 'Time extension' period in the same manner as is done for the regular contract period.
- (e) At the end of total work completion as certified by BHEL Engineer in charge, and upon analysis of the total delay, the portion of time extensions attributable to (i) Contractor, (ii) Force majeure conditions, and (iii) BHEL, shall be worked out and shall be considered to be exhausted in the same order. The total period of time extensions shall be the sum of (i), (ii) and (iii) above and shall be equal to period between the scheduled date of completion and the actual date of completion of contract. LD shall be imposed/levied for the portion of time extensions attributable to contractor and recoverable from the dues payable to the contractor.

#### **24. QUANTITY VARIATION:-**

Any deletion or addition to any extent of any items listed in batch of quantity (BOQ) may occur as per requirement of BHEL at any moment of contractual execution period. However rate shall remain fixed for any such quantity variation. Contractors neither deny the work nor are eligible for any compensation in case the variation (increase or decrease) in the quantity of any item of BOQ.

#### **25. INSURANCE:-**

- (a) It is the sole responsibility of the contractor to insure his materials, equipment, workmen, etc. against accidents and injury while at work and to pay compensation, if any, to workmen as per Workmen's compensation Act.
- (b) Contractor must submit copy of insurance taken for their workmen who are engaged in work to be carried out on height above 4 m.
- (c) The work will be carried out in a protected area and all the rules and regulations of BHEL in the area of work/project which are in force from time to time will have to be followed by the contractor.

- (d) If due to negligence and or non-observation of safety and other precautions by the contractors, any accident/injury occurs to the property / manpower belong to third party, the contractor shall have to pay necessary compensation and other expense, if so decided by the appropriate authorities. Thus, contractor must ensure third party insurance and BHEL shall not pay any amount for such compensation to be paid by the contractor to affected person/firm/party.
- (e) The contractor will take necessary precautions and due care to protect the material, while in his custody from any damage/ loss due to theft or otherwise till the same is taken over by BHEL.
- (f) In case of free issue material which is issued for completion of work under any works contract, BHEL will recover the loss from the contractor, in case the damage / loss are due to carelessness / negligence on the part of the contractor.

## **26. STRIKES & LOCKOUT:-**

- (a) The contractor will be fully responsible for all disputes and other issues connected with his labor. In the event of the contractor's labor resorting to strike or the Contractor resorting to lockout and if the strike or lockout declared is not settled within a period of one month, BHEL shall have the right to get the work executed through any other agencies on the "Risk & Cost" of the contractor and the extra cost so incurred plus 15% overhead charges shall be deducted from the Contractor.
- (b) For all purposes whatsoever, the employees of the contractor shall not be deemed any employment in BHEL.

## **27. FORCE MAJEURE:-**

The following shall amount to Force Majeure:-

- (a) Acts of God, act of any Government, War, Sabotage, Riots, Civil commotion, Police action, Revolution, Flood, Fire, Cyclones, Earth quake and Epidemic and other similar causes over which the contractor has no control.
- (b) Non-availability of materials in local or nearby markets due to any reason or no availability of site clearance by BHEL or any other similar cause but acceptance of these shall be subject to certification by Engineer in charge who is convinced that said reason is beyond control of the contractor.
- (c) If the contractor suffers delay in the due execution of the contractual obligation due to delays caused by force majeure as defined above, the agreed time of completion of the job covered by the contract or the obligations of the contractor shall be extended by a period of time equal to period of delay, provided that on the occurrence of any such contingency, the contractor immediately reports to BHEL in writing the causes of delay. But,

only time extension will be provided and the contractor shall not be eligible for any compensation.

## **28. ARBITRATION & RECONCILIATION:-**

- (a)** In case amicable settlement is not reached in the event of any dispute or difference arising out of the execution of the Contract or the respective rights and liabilities of the parties or in relation to interpretation of any provision by the Contractor in any manner touching upon the Contract, such dispute or difference shall (except as to any matters, the decision of which is specifically provided for therein) be referred to the sole arbitration of the arbitrator appointed by BHEL, HERP, Varanasi.
- (b)** The award of the arbitrator shall be binding to the parties to the dispute Subject as aforesaid, the provisions of Arbitration and Reconciliation Act 1996 (India) or statutory modifications or reenactments thereof and the rules made there under and for the time being in force shall apply to the arbitration proceedings under this clause.
- (c)** The venue of the arbitration shall be the place from which the contract is issued or such other place as the Arbitrator at his discretion may determine.
- (d)** In case of Contract with Public Sector Enterprise (PSE) or a Government Department, the following shall be applicable:-

In the event of any dispute or difference relating to the interpretation and application of the provisions of the Contract, such dispute or difference shall be referred to by either party to the arbitration of one of the arbitrators in the department of public enterprises. The award of the arbitrator shall be binding upon the parties to the dispute, provided, however, any party aggrieved by such award may make further reference for setting aside or revision of the award to the Law Secretary, Department of Legal Affairs, Ministry of Law and Justice, Government of India. Upon such reference the dispute shall be decided by the Law Secretary or the Special Secretary or Additional Secretary when so authorized by the Law Secretary, whose decision shall bind the parties hereto finally and conclusively.

- (e)** The cost of arbitration shall be borne equally by the parties.
- (f)** Work under the contract shall be continued during the arbitration proceedings.

## **29. PAYMENTS:-**

### **(A) RUNNING ACCOUNTS BILLS:-**

- (a)** The main purpose of RA Bills is interim payments when the work under

contracts is in progress. The bills for such interim payments are to be prepared by Contractor in prescribed formats.

- (b) Payments shall be made according to the extent of work done as per joint measurements taken up to the end of period (once in a month for AMCs & agreed time for specific works contract) and/or in line with the terms of payments described in the Tender document.
- (c) Recoveries on account of statutory deduction shall be effected from all bills as per BHEL/Govt rules.
- (d) Recoveries on account of water supply charges shall be made at the rate of Rs. 1/- (Rupees One Only) per Rs. 1000/- (Rupees Thousands Only) of gross bill unless it is exempted (due to no water supply requirement during course of execution of the contract) & clearly written in SCC/LOI/WO.
- (e) Recoveries on account of electricity, tools & plants provided by BHEL etc shall be effected from all bills as per terms of the contract.
- (f) Full rates for the work done shall be allowed only if the quantum of work has been done as per the specifications stipulated in the contract or as directed by the Engineer in charge. If the work is not executed as per the stipulated specifications or as per direction by the Engineer in charge, BHEL may ask the contractor to re do the work according to the required specifications or direction of Engineer in charge or requirements of BHEL, without any extra cost. However, where this is not considered necessary 'OR' where the part work is done due to factors like non-availability of material to be supplied by BHEL 'OR' non availability of fronts 'OR' non availability of drawings, fraction payment against full rate, as is considered reasonable, approved by BHEL & mutually agreed by both parties, may be allowed with due regard for the work remaining to be done. BHEL decision in this regard will be final and binding on the contractor.
- (g) In order to facilitate part payment, BHEL's Engineer In charge at his discretion may further split the contracted rates/percentages to suit site conditions, cash flow requirements according to the progress of work.

**(B) FINAL BILL:-**

- (a) Final Bill is used for final payment on closing of Running Account for works or for single payment after completion of works as per scope defined in the Work Order as per satisfaction of BHEL. Final Bill shall be submitted as per prescribed format after completion of works as per scope and upon material reconciliation if any.
- (b) Contractor must submit "No claim certificate" in the non judicial stamp paper, Indemnity bond or any other documents desired by BHEL at the time of processing of final bill.

- (c) BHEL shall settle the final bills received complete in all respect, preferably within 30 days of its submission to BHEL., after deducting all liabilities of Contractor to BHEL.

**30. PERFORMANCE GURANTEE OF WORKMANSHIP or DEFECT LIABILITY PERIOD (DLP):-**

- (a) Even though the work will be carried out under the supervision of BHEL Engineers, the Contractor will be responsible for the quality of the workmanship and shall guarantee the work done for a period as specified in tender document / contract / Special Conditions of the Contract (SCC) / Letter of Intent / Work Order from the date of completion of contract, for good workmanship and shall rectify free of cost all defects due to faulty work/erection detected during the guarantee period.
- (b) In the event of the Contractor failing to repair the defective works within the time specified by the Engineer in charge, BHEL may proceed to undertake the repairs of such defective works at the Contractor's risk and cost, without prejudice to any other rights and recover the same from the security deposit/Guarantee money or any other amount due.
- (c) Security deposit/guarantee money shall be released to the contractor only after completion of guarantee period/Defect Liability period (DLP) if contractor has carried out the works required to be carried out by him during the period of Guarantee/DLP and all expenses incurred by BHEL on carrying out such works is included for adjustment from the Guarantee/Security money refundable.

**31. CLOSING OF CONTRACT:-**

The Contract shall be considered completed and closed, upon completion of all works specified in the contract document / BOQ & contractual obligations of the contractor fulfilled as per BHEL's requirement, after settlement of final bill and furnishing of No Claim Certificate in Non-judicial stamp paper and Indemnity Bond in Non-judicial stamp paper for compensating BHEL against third party liability for labour and all other statutory levies to Government agencies as well as , indemnifying M/s BHEL against all claims and demands including other govt. dues viz. EPF/ESI and all other dues/deductions from BHEL in regards to issued work order.

- (a) But, closing of contract does not relive contractor of his responsibility regarding Guarantee period.
- (b) Upon completion of guarantee period/defect liability period (DLP), BHEL may issue a completion certificate as per standard format, based on specific request of the Contractor.

**32. REVERSE AUCTION:-**

BHEL reserves the right to go for Reverse Auction for Price Bid Opening by BHEL appointed service provider, instead of opening the submitted sealed price bid in the conventional way. The Business Rules for Reverse Auction shall be as per BHEL guidelines issued from time to time & communicated to the contractor after decision of BHEL to go for Reverse Auction (RA).

**33. SUSPENSION OF BUSINESS DEALINGS:-**

BHEL reserves the right to take action against Contractors who either fail to perform or indulge in malpractices, by suspending business dealings with them in line with BHEL guidelines issued from time to time.

**Repairing of EWS/MIG Quarters at**  
**Shivpur, Varanasi**

**TENDER No: - HERP/CIVIL/REV/112/17-18**  
**(Part-III – Price Bid)**



**CIVIL MAINTENANCE DEPARTMENT**  
**HEAVY EQUIPMENT REPAIR PLANT**  
**BHARAT HEAVY ELECTRICALS LIMITED**  
**VARANASI – 221003 (U.P)**

**CONTENTS**

**PART-III: PRICE BID  
(Separate envelope)**

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Name & Signature of Bidder



### Part-III (Price Bid)

<b>Tender No:- HERP/CIVIL/REV/112/17-18, Dated:- 07/09/2017</b>						
<b>Name of Work:- Repairing of EWS/MIG Quarters at Shivpur, Varanasi</b>						
<b>Bidder is to quote their % over/ At par/ Below on total amount i.e. Rs. 4212756.41 for all 97 scheduled items on space provided below item no-97.</b>						
Sl. No	Item Code	Description of work	Rate	Unit	Quantity	Amount
<b>(A) Scheduled Items (DSR-16 items)</b>						
<b>1</b>		Carriage of material up to 5 km lead by Mechanical transport including, loading, unloading & stacking of -				
(i)	<b>1.1.1</b>	Lime, Moorum, Building rubbish	119.33	cum	60.00	7159.80
(ii)	<b>1.1.2</b>	Earth	149.17	cum	5.00	745.85
(iii)	<b>1.1.8</b>	Bricks	318.22	1000 No	10.00	3182.20
(iv)	<b>1.1.10</b>	Cement, stone blocks, G.I., C.I., A.C. & C.C. pipes below 100mm dia and other heavy materials	106.07	Ton	2	212.14
(v)	<b>1.1.11</b>	Steel	106.07	Ton	1	106.07
(vi)	<b>1.1.12</b>	Timber	136.38	cum	3	409.14
<b>2</b>	<b>2.8.1</b>	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of Soil	166.40	cum	30.00	4992.00
<b>3</b>	<b>2.25</b>	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations, etc. in layers not exceeding 20 cm in depth : consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5m.	125.75	cum	25.00	3143.75
<b>4</b>	<b>2.27</b>	Supplying and filling in plinth with Ganga sand under floors including watering, ramming, consolidating and dressing complete.	917.75	cum	5.00	4588.75
<b>5</b>		Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:				
(i)	<b>4.1.2</b>	1:1 1/2 :3 (1 cement : 1 1/2 coarse sand : 3 graded stone aggregate 20 mm nominal size ).	5924.65	cum	1.00	5924.65
(ii)	<b>4.1.3</b>	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size ).	5481.95	cum	2.00	10963.90
(iii)	<b>4.1.5</b>	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size ).	4927.00	cum	2.00	9854.00

### Part-III (Price Bid)

<b>Tender No:- HERP/CIVIL/REV/112/17-18, Dated:- 07/09/2017</b>						
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Sl. No	Item Code	Description of work	Rate	Unit	Quantity	Amount
6		Providing and laying cement concrete in retaining walls, return walls, blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing :				
(i)	4.2.3	1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	6547.70	cum	3.00	19643.10
(ii)	4.2.5	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	5992.75	cum	3.00	17978.25
7	5.1.3	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level.1 : 2 : 4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	5772.65	cum	2.00	11545.30
8	5.2.2	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	7145.80	cum	2.00	14291.60
9	5.3	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement with 1 : 2 : 4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	7390.80	cum	8.00	59126.40
10		Centering and shuttering including strutting, propping, etc. and removal of form for:				
(i)	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete	193.95	sqm	10.00	1939.50
(ii)	5.9.2	Walls (any thickness) including attached pilasters, butteresses, plinth and string courses etc.	378.60	sqm	5.00	1893.00

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Sl. No	Item Code	Description of work	Rate	Unit	Quantity	Amount
(iii)	5.9.3	Suspended floors, roofs, landings, balconies and access platform.	422.30	sqm	60.00	25338.00
(iv)	5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers.	342.90	sqm	30.00	10287.00
(v)	5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts	467.85	sqm	30.00	14035.50
(vi)	5.9.7	Stairs (excluding landings) except spiral-staircases	419.35	sqm	10.00	4193.50
(vii)	5.9.16.1	Edges of slabs and breaks in floors and walls:- Under 20 c.m wide	122.20	Metre	20.00	2444.00
11	5.22A.6	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth:- Thermo Mechanically Treated bars of grade Fe-500D or more.	56.60	kg	900.00	50940.00
12	6.1.2	Brickwork with F.P.S. bricks of class designation 75 in foundation and plinth in-cement mortar 1:6 (1 cement:6 coarse sand).	4751.65	cum	5.00	23758.25
13	6.4.2	Brickwork with F.P.S. bricks of class designation 75 in superstructure above plinth level up to floor V level in all shapes & sizes in :cement mortar 1:6( 1 cement: 6 coarse sand).	5582.85	cum	50.00	279142.50
14		Providing and fixing 18 mm thick gang saw cut mirror polished (premoulded and prepolished) machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size of approved shade, colour and texture laid over 20 mm thick base cement mortar 1 : 4 (1 cement : 4 coarse sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edge to give high gloss finish etc. complete at all levels.				
(i)	8.2.1.2	Raj nagar plain white marble/ Udaipur green marble/ Zebra black marble:- Area of slab over 0.50 sqm	1850.15	sqm	1.00	1850.15
(ii)	8.2.2.2	Granite of any colour and shade:- Area of slab over 0.50 sqm	3113.30	sqm	20.00	62266.00
15	8.6	Mirror polishing on marble work/Granite work /stone work where ever required to give high gloss finish complete.	231.50	sqm	21.00	4861.50

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Sl. No	Item Code	Description of work	Rate	Unit	Quantity	Amount
16	9.1.1	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position: Second class teak wood.	92743.05	cum	0.25	23185.76
17	9.21.2	Providing and fixing ISI marked flush door shutters conforming to IS :2202 (Part-I) non decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters :30mm thick including ISI marked stainless steel butt hinges with necessary screws.	1559.75	sqm	250.00	389937.50
18	9.23	Extra for providing lipping with second class teak wood battens 25 mm minimum depth on all edges of shutters (over all area of door shutter to be measured).	365.85	Sqm	10.00	3658.50
19	9.27.1.2.1	Providing and fixing 35 mm thick wire gauze shutters using galvanized M.S. wire gauze of average width of aperture 1.4mm with wire of dia. 0.63mm for doors ,windows clerestory windows including ISI marked bright finished or /and black enameled M.S. butt hinges with necessary screws :Second class teak wood	3040.30	sqm	5.00	15201.50
20	9.65.1	Providing and fixing ISI marked oxidized M.S. door latches conforming to IS:5930 with screws, etc. complete.300x20x6mm.	68.90	Each	36.00	2480.40

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Sl. No	Item Code	Description of work	Rate	Unit	Quantity	Amount
21	9.117.1	Providing and fixing factory made UPVC door frame made of UPVC extruded section having an overall dimension as below (tolerance $\pm$ 1mm) with wall thickness 2.0mm $\pm$ 0.2mm , corners of the door frame to be jointed with, galvanized brackets and stainless steel screws. Joints mitred and plastic welded. The hinge side vertical of the frames reinforced by galvanized M.S.tube of size 19 x 19mm and 1mm $\pm$ 0.1mm wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturer's specification and as per direction of Engineer - in - charge. Extruded section profile size 48x40 mm.	216.80	Metre	70.00	15176.00
22	9.118.1	Providing and fixing to existing door frame 24mm thick factory made PVC door shutters made of style and rails of a UPVC hallow section of size 59x24 mm and wall thickness 2 mm +/- 0.2 mm with in built edging on both sides. The styles and rails mitred and joined at the corners by means of M.S. galvanised / plastics brackets of size 75x220 mm heaving wall thichness 1 mm and stainless steel screws. The styles of the shutters reinforced by inserting galvanised M.S. tube of size 20x20mm and 1mm +/- 0.1mm wall thickness . The lock rail made up of 'H' section , a UPVC hallow section of size 100x24mm and 2mm +/- 0.2mm wall thichness fixed to the shutters styles by means of plastic/ galvanised M.S. 'U' cleats .The shutters frame filled with a UPVC multy- chambered single panel of size not less than 620mm ,having over all thickness of 20mm and 1mm +/- 0.1mm wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacture's specification and direction of Engineer-in - charge .(For W.C. and bathroom door shutter )	1800.45	sqm	30.00	54013.50

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Sl. No	Item Code	Description of work	Rate	Unit	Quantity	Amount
23	10.5.2	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6mm angle iron and 3mm M.S. gusset plates at the junctions and corners , all necessary fittings complete ,including applying a priming coat of approved sheet primer. Using flats 30x6 mm for diagonal braces and central cross piece.	2761.90	sqm	1.00	2761.90
24	10.11.1	Providing and fixing factory made ISI marked steel glazed doors, windows and ventilators, side /top /centre hung, with beading and all members such as F7D, F4B, K11 B and K12 B etc. complete of standard rolled steel sections, joints mitred and flash butt welded and sash bars tenoned and riveted, including providing and fixing of hinges, pivots, including priming coat of approved steel primer, but excluding the cost of other fittings, complete all as per approved design, (sectional weight of only steel members shall be measured for payment):- Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	113.60	kg	5.00	568.00
25	10.13.1	Providing and fixing T-iron frames for doors, windows and ventilators of mild steel T-sections, joints mitred and welded with 15x3 mm lugs 10 cm long embedded in cement concrete blocks 15x10x10 cm of 1 : 3 : 6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) or with wooden plugs and screws or rawl plugs and screws or with fixing clips or with bolts and nuts as required including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer.	74.05	kg	100.00	7405.00

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Sl. No	Item Code	Description of work	Rate	Unit	Quantity	Amount
26	10.25.2	Steel work welded in built up sections/framed work including cutting hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladders, railings, brackets, gates and similar works.	85.95	kg	1000.00	85950.00
27	11.1.1	Brick on edge flooring with bricks of class designation 75 including cement slurry etc. complete in cement mortar with F.P.S. bricks: 1:4 (1 cement: 4 coarse sand).	675.95	sqm	20.00	13519.00
28	11.3.1	Cement concrete flooring 1:2:4 (1 cement: 2 coarse: 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps etc. complete 40mm thick with 20mm nominal size stone aggregate.	362.60	sqm	20.00	7252.00
29	11.4	52mm thick cement concrete flooring with concrete hardener topping under layer 40mm thick cement concrete 1:2:4(1 cement: 2 coarse sand:4 graded stone aggregate 20 mm nominal size) and top layer 12mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate 6 mm nominal size) by volume hardening compound is mixed @ 2 litre per 50 kg of cement or as per manufacturer specifications .This includes cost of cement slurry but excluding the cost of nosing of steps etc. complete.	555.25	sqm	10.00	5552.50
30	11.26.1	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete with base of cement mortar 1:4 (1 cement : 4 coarse sand): 25mm thick	1158.10	sqm	10.00	11581.00

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Sl. No	Item Code	Description of work	Rate	Unit	Quantity	Amount
31	11.36	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by engineer-in-charge in skirting, risers of steps and dados over 12 mm thick bed of cement mortar 1:3 (1 cement :3 coarse sand) and jointing with Grey cement slurry @ 3.3 kg per sqm including pointing in white cement mixed with pigment of matching shed complete.	744.80	sqm	220.00	163856.00
32	11.37	Providing and laying ceramic glazed floor tiles 300X300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS: 15622 of approved make in colours such as white, ivory, grey, fume red brown, laid on 20mm thick cement mortar 1:4 (1 cement:4 coarse sand) including pointing the joints with white cement and matching pigment etc. complete.	688.35	sqm	120.00	82602.00
33	11.41.2	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption's less than 0.08% and conforming to IS : 15622 of approved make in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc., complete:- Size of Tile 60x60 cm	1119.40	sqm	5.00	5597.00
34	12.41	Providing and fixing on wall face unplasticised rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion . (I) Single socketed pipe:-				
(i)	12.41.1	75 mm diameter	148.75	Metre	50.00	7437.50
(ii)	12.41.2	110 mm diameter	236.35	Metre	200.00	47270.00

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<b>35</b>		Providing and fixing on wall face unplasticised-PVC moulded fittings/accessories for unplasticised - Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion:				
<b>(i)</b>	<b>12.42.3.1</b>	Single tee with door.- 75x75x75 mm	121.50	Each	10.00	1215.00
<b>(ii)</b>	<b>12.42.3.2</b>	Single tee with door.- 110x110x110 mm.	181.55	Each	50.00	9077.50
<b>(iii)</b>	<b>12.42.5.1</b>	Bend 87.5 degree:- 75 mm bend	76.55	Each	10.00	765.50
<b>(iv)</b>	<b>12.42.5.2</b>	Bend 87.5 degree:- 110 mm bend	113.10	Each	50.00	5655.00
<b>36</b>	<b>12.43.2</b>	Providing and fixing unplasticised -P.V.C. pipe clips of approved design to unplasticised -P.V.C. rain water pipes by means of 50x50x50 mm hard wood plugs, screw with M.S. screws of required length including cutting brick work and fixing in cement mortar 1:4 (1 cement:4 coarse sand) and making good the wall etc. complete.110 mm	181.40	Each	100.00	18140.00
<b>37</b>	<b>12.44</b>	Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15 cm diameter and weighing not less than 440 grams.	40.90	Each	18.00	736.20
		Note :- Rates for external plaster are for height up to 10m from ground level unless otherwise stated.				
<b>38</b>	<b>13.4.2</b>	12 mm cement plaster of mix:- 1 : 6 (1 cement : 6 coarse sand)	168.25	sqm	1200.00	201900.00
<b>39</b>	<b>13.5.2</b>	15 mm cement plaster on rough side of single or half brick wall of mix: 1 : 6 (1 cement : 6 coarse sand).	194.60	sqm	1500.00	291900.00
<b>40</b>	<b>13.7.1</b>	12mm cement plaster finished with a floating coat of neat cement of mix : 1:3(1 cement :3 fine sand ).	226.80	sqm	20.00	4536.00
<b>41</b>	<b>13.18</b>	Neat cement punning.	42.60	sqm	20.00	852.00
<b>42</b>	<b>13.26</b>	Providing and applying plaster of Paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	118.70	sqm	100	11870.00
<b>43</b>	<b>13.37.1</b>	White washing with lime to give an even shade: New work (three or more coats)	17.25	sqm	100	1725.00

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44	13.42.1	Distemping with 1st quality acrylic washable distemper (ready mixed) of approved manufacturer and of required shade and colour complete as per manufacturer's specification:Two or more coats on new work.	53.15	sqm	3200.00	170080.00
45	13.43.1	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface:- Water thinnable Cement Primer	36.95	sqm	3200.00	118240.00
46	13.44.1	Finishing walls with water proofing cement paint of required shade : New work (Two or more coats applied @ 3.84 kg/10 sqm)	58.80	sqm	1000.00	58800.00
47	13.50.1	Applying priming coat: With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood).	34.95	sqm	100.00	3495.00
48	13.50.3	Applying priming coat: - With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanized iron/steel works.	29.10	sqm	350.00	10185.00
49	13.60.1	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade: Two or more coats on new work.	84.45	sqm	100	8445.00
50	13.61.1	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :Two or more coats on new work	78.40	sqm	350.00	27440.00
51	13.63.1	Painting with aluminium paint of approved brand and manufacture to give an even shade . Two or more coats on new work	68.35	sqm	100	6835.00
52	13.71	Lettering with black Japan paint of approved brand and manufacture	2.70	per letter per cm height	900	2430.00
53	13.80	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	87.35	sqm	4500.00	393075.00

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Sl. No	Item Code	Description of work	Rate	Unit	Quantity	Amount
54	13.82.2	Wall painting with exterior acrylic emulsion paint, having VOC (Volatile Organic Compound ) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour: Two coats	73.90	sqm	2000.00	147800.00
55	13.85.3	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound ) content. With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre	36.95	sqm	2000.00	73900.00
56	14.1.1	Repairs to plaster of thickness 12mm to 20mm patches of area 2.5 sq. meters and under including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of walls complete including disposal of rubbish to the dumping ground within 50 metres lead :With cement mortar 1:4 (1 cement :4 fine sand).	264.80	sqm	100	26480.00
57		Renewing glass panes ,with putty and nails wherever necessary				
(i)	14.5.1	float glass panes of thickness 4 mm.	637.90	sqm	2.00	1275.80
(ii)	14.5.2	float glass panes of thickness 5.5 mm.	898.55	sqm	2	1797.10
58	14.6.1	Renewing glass panes ,with wooden fillets wherever necessary : float glass panes of thickness 4mm.	852.60	sqm	50	42630.00
59	14.9	Renewal of old putty of glass panes (length)	25.45	Metre	10	254.50
60	14.10	Refixing old glass panes with putty and nails	330.75	sqm	10	3307.50
61	14.46	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches, etc. complete.	10.80	sqm	4500.00	48600.00
62	14.54.1	Painting with Synthetic Enamel paint of approved brand and manufacture of required colour to give an even shade:One or more coats on old work.	51.30	sqm	600	30780.00

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Sl. No	Item Code	Description of work	Rate	Unit	Quantity	Amount
63	14.63.1	Distemping with 1st quality acrylic washable distemper (ready made) of approved manufacturer and of required shade and colour complete. As per manufacturer's specification. One or more coats on old work	29.80	sqm	100	2980.00
64	14.64.1	Finishing walls with water proofing cement paint of required shade:- Old work (One or more coats applied @ 2.20 kg/10sqm) over priming coat of primer applied @ 0.80 litre/10sqm complete including cost of priming coat.	55.70	sqm	100	5570.00
65	14.72	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40mm dia. M.S. tube 1.5 m centre to centre horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube challies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after .The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineer-in-charge .The elevational area of the scaffolding shall be measured for payment purpose .The payment will be made once irrespective of duration of scaffolding.	160.15	Sqm	1700	272255.00
66	15.2.1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer-in-charge:- 1:3:6 or richer mix.	997.05	cum	15	14955.75
67	15.3	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.	1454.55	cum	20	29091.00

### Part-III (Price Bid)

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Sl. No	Item Code	Description of work	Rate	Unit	Quantity	Amount
68	15.7.4	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar.	842.75	cum	40.00	33710.00
69	15.8.3	Removing mortar from bricks and cleaning bricks including stacking within a lead of 50 m (stacks of cleaned bricks shall be measured) :from brick work in cement mortar.	2798.60	1000 No	5	13993.00
70		Dismantling doors, windows and clerestory windows (steel or wood) shutter including chokhats, architrave, holdfasts, etc. complete and stacking within 50 metres lead:				
(i)	15.12.1	Of area 3 sqm and below.	157.85	Each	60	9471.00
(ii)	15.12.2	Of area beyond 3 sqm.	216.40	Each	2	432.80
71	15.18	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead.	2.40	kg	200	480.00
72	15.23.1	Dismantling tile work in floor and roofs laid in cement mortar including stacking material within 50 metre lead .For thickness of tiles 10mm to 25mm.	31.55	sqm	10	315.50
73	15.36	Dismantling barbed wire or flexible wire rope in fencing including making rolls and stacking within 50 metres lead.	15.05	kg	100	1505.00
74	15.44.1	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge : 15 mm to 40 mm nominal bore	63.65	Metre	120	7638.00
75	15.52	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead	391.20	Each	5	1956.00

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Sl. No	Item Code	Description of work	Rate	Unit	Quantity	Amount
76	15.56	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	22.40	sqm	2700.00	60480.00
77	16.18.1	Fencing with angle iron post placed at required distance embedded in cement concrete blocks and every 15th post, last but one end post and corner post shall be strutted on both sides and end post on one side only, provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire 9.38 kg per 100 metres (minimum) between the two posts fitted and fixed with G.I. staples, turn buckets etc. complete. cost of posts, struts, earth work and concrete work to be paid for separately): Payment to be made per metre cost of total length of barbed wire used. With G.I. Barbed wire.	12.65	Metre	700	8855.00
78	16.19	Supplying at site Angle iron post & strut of required size including bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes up to 10 mm dia etc. complete.	62.05	kg	300	18615.00
79	16.68	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.	615.70	Sqm	250.00	153925.00

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Sl. No	Item Code	Description of work	Rate	Unit	Quantity	Amount
80	17.1.1	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast iron P or S trap,10 Litre low level white P.V.C. flushing cistern with manually controlled device (handle lever) conforming to IS:7231,with all fittings and fixtures complete including cutting and making good the walls and floors wherever required: White vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests.	3494.20	Each	8	27953.60
81	17.2.1	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan ) with seat and lead , 10 litre low level white P.V.C. flushing cistern with manually controlled device (handle level ) , conforming to IS ; 7231 , with all fittings and fixtures complete including cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid.	3418.70	Each	1	3418.70
82	17.7.4	Providing and fixing wash basin with C.I.Brackets,15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White vitreous china flat back wash basin size 550x400 mm with single 15 mm C.P. brass pillar tap.	1817.35	Each	9.00	16356.15
83	17.10.2.2	Providing and fixing Stainless steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I.brackets and stainless steel plug 40mm including painting of fitting and brackets ,cutting and making good the walls wherever required : Kitchen sink without drain board :610x460 mm bowl depth 200mm.	2186.25	Each	9.00	19676.25
84	17.18.1	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever ) conforming to IS - 7231 , with all fittings and fixtures complete : 10 litre capacity - White.	831.50	Each	9	7483.50

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Sl. No	Item Code	Description of work	Rate	Unit	Quantity	Amount
85	17.28.1	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.Semi rigid pipe 32mm dia				
(i)	17.28.1.1	32 mm dia	75.60	Each	18	1360.80
(ii)	17.28.1.2	40 mm dia	81.40	Each	18	1465.20
86	17.32.2	Providing and fixing mirror of superior glass(of approved quality )and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing: Rectangular shape 453x357 mm.	752.80	no.	18	13550.40
87	18.7	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall				
(i)	18.7.1	15 mm nominal outer dia Pipes	142.95	metre	5	714.75
(ii)	18.7.2	20 mm nominal outer dia Pipe	179.95	metre	20	3599.00
(iii)	18.7.3	25 mm nominal outer dia Pipes	216.20	metre	40	8648.00
88	18.8	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc.				
(i)	18.8.1	15 mm nominal outer dia Pipes	246.20	metre	150	36930.00
(ii)	18.8.2	20 mm nominal outer dia Pipes	284.85	metre	100	28485.00
(iii)	18.8.3	25 mm nominal outer dia Pipes	333.60	metre	10	3336.00

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Sl. No	Item Code	Description of work	Rate	Unit	Quantity	Amount
89	18.9	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work				
(i)	18.9.1	15 mm nominal outer dia Pipes	120.65	metre	5	603.25
(ii)	18.9.2	20 mm nominal outer dia Pipes	149.30	metre	5	746.50
(iii)	18.9.3	25 mm nominal outer dia Pipes	191.65	metre	5	958.25
90		Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc. Internal work - Exposed on wall				
(i)	18.10.1	15 mm dia. nominal bore.	186.40	Metre	2	372.80
(ii)	18.10.2	20 mm dia. nominal bore.	224.15	Metre	2	448.30
(iii)	18.10.3	25 mm dia. nominal bore.	247.85	Metre	2	495.70
91		Concealed pipe including painting with anti corrosive bitumastic paint, cutting chases and making good the wall				
(i)	18.11.1	15 mm dia. nominal bore.	285.70	Metre	20	5714.00
(ii)	18.11.2	20 mm dia. nominal bore.	316.20	Metre	10	3162.00
92		Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc.External work				
(i)	18.12.1	15 mm dia. nominal bore.	160.20	Metre	2	320.40
(ii)	18.12.2	20 mm dia. nominal bore.	186.30	Metre	2	372.60
(iii)	18.12.3	25 mm dia. nominal bore.	205.85	Metre	2	411.70
93	18.48 A	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	7.25	per litre	6000	43500.00
94	18.49.1	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :- 15 mm nominal bore	371.70	each	18	6690.60

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Sl. No	Item Code	Description of work	Rate	Unit	Quantity	Amount
95	18.50.1	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms. 15 mm nominal bore	555.30	each	9.00	4997.70
96	18.51.1	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. 15 mm nominal bore.	492.55	each	9.00	4432.95
97	18.53.1	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931:-15mm nominal bore	475.70	each	9.00	4281.30
<b>Total Amount on Scheduled Items (A)</b>						<b>4212756.41</b>
<p><b>I/We hereby quote.....% above/ at par/ below on DSR'2016 rates for all items placed at Sl. No-1 to 97.</b></p> <p><b>In Words:-</b></p>						
<b>Bidder is to quote their rate against each &amp; every non-scheduled (Total 12 ) items.</b>						
<b>(B) Non - Scheduled Items (Based on Market Rate) :-</b>						
98	NSI-1	Brickwork {with available bricks} in foundation, plinth & up to height of 12 m in super-structure, in-cement mortar 1:6 (1 cement:6 coarse sand). (Note:- Available & Reusable Old Bricks will be used by the contractor for which dismantling & removing mortar shall be paid in respective items.)		Cum	10.00	
99	NSI-2	Supply and fixing stainless steel handrail height up to 1.0 m, of approved design along with all post and baluster including cutting, welding, jointing etc, on staircase complete in all respect. Approval of Design of handrail shall be taken by contractor before its fixing in to floor by drilling and without damaging floor/ tile etc.		Metre	20.00	

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Sl. No	Item Code	Description of work	Rate	Unit	Quantity	Amount
100	NSI-3	Supply & Commissioning of submersible pump (1-2 HP) capable of supplying water from desired underground water level to water tank provided on the top of building at height of 12m approx, including boring, providing casing (PVC Pipe- Dia 4"-5") & suction pipe (PVC Pipe- Dia 1"-2"), Motor, Starter, Cable, GI Wire etc all complete as per satisfaction & direction of Engineer-Incharge. Make of pump shall be one among KSB, KIRLOSKAR, CRI or other equivalent make as approved by Engineer in charge.		Each	2.00	
101	NSI-4	Providing, erecting and fixing of SMP color coated Galvolume Sheet (approved Make & profile) 0.45 to 0.55 mm thick sheeting in its place with the fasteners of high quality corrosion resistant provided with suitable cap fixed at the rate not more than 1.5 m - 1.8m center to center.		sqm	44.00	
102	NSI-5	Fabrication and Erection of Steel Framework, height up to 12 m comprising angle, channel, plate, beam etc including all connections, cleat, gusset including cutting, welding and painting two coat of red oxide primer before two coat of synthetic enamel paint of approved colour and brand complete in all respect as per direction of Engineer incharge. (Note:- Structural Steel shall be provided by BHEL, free of cost, to the contractor at HERP. Contractor shall arrange its carriage to the site.)		Kg	100.00	
103	NSI-6	Providing and fixing C.P Brass shower rose with 15 or 20 mm inlet: Make L&K/JAQUAR/PLUMBER/JHONSAN: 15 mm Dia		Each	2	
104	NSI-7	Providing & fixing of Wall Mixer - Non telephonic including all fittings. Make:- Plumber/ Hindware/ Jaquar or other equivalent make approved by Engineer-incharge.		Each	9.00	

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Sl. No	Item Code	Description of work	Rate	Unit	Quantity	Amount
105	NSI-8	Providing & fixing of Wall mixer with L band including all fittings. Make:- Plumber/Hindware/ Jaquar or other equivalent make approved by Engineer-incharge.		Each	9.00	
106	NSI-9	Providing & Fixing of WPC (Wood Plastic Composite) Window Frame size-70 mm x 40 mm in required size having desired groove for hanging of shutter includings cutting, grouting of hold fast or fixing by drilling with all complete as per direction of Engineer-Incharge.		Ft	800.00	
107	NSI-10	Providing & Fixing of WPC (Wood Plastic Composite) Window/ Door Glazed shutter-thickness 18mm includings desired fittings viz. hinge, steel handle-150mm, tower bolt etc.with all complete as per direction of Engineer-Incharge. (Glass would be paid separately)		Sqft	100.00	
108	NSI-11	Providing & Fixing of WPC (Wood Plastic Composite) Window/ Door wire-mesh shutter-thickness 25mm includings desired fittings viz. ss wire mesh, hinge, steel handle-150mm, tower bolt etc.with all complete as per direction of Engineer-Incharge. (Measuring Elevcational Area of Window for Payment)		Sqft	800.00	
109	NSI-12	Providing & Fixing of Stainless Steel grill in opening in balcony/verandah of different section of ss pipes in medium weight at desired fittings includings cutting, welding etc. all complete as per direction of Engineer-Incharge. Elevcational Area shall be measured for Payment.		sqm	110.00	
<b>Total on Non-Scheduled Items (B)</b>						<b>0.00</b>
<b>GST (Please Tick <input checked="" type="checkbox"/> whichever is applicable)</b>			<b>Extra</b>	<b>Inclusive</b>		
<b>GST% (In Figure &amp; Words):-</b>						