

2021

**BHARAT HEAVY ELECTRICALS LIMITED
SOLAR BUSINESS DIVISION, BENGALURU
TENDER DOCUMENT**

Name: Navit Mahajan

Designation: Dy. Manager

BHEL SBD Bangalore



NOTICE INVITING TENDER

1. BHEL/ SBD (A Govt. of India Enterprise) invites Tender for engaging a Contractor for **“Framework Agreement for Assistance in SPV Pre Lamination & Post Lamination”** at BHEL-SBD, Bangalore.
2. Sealed Bids are invited under a single stage two part bid system from the competent agencies with sound technical and financial capabilities, fulfilling the qualifying requirements stated in the tender documents.
3. Interested and eligible parties may study the tender documents carefully, visit the works to understand the scope and nature of work, discuss and clarify doubts if any and offer their bids.
4. The salient features of tender documents are as follows:
 - 4.1. The complete Tender documents consists of the following: Tender document- Part ‘A’(Consists of Volume-I, Volume-II) and Part ‘B’.
 - 4.2. The tender documents are also available on the website of BHEL www.bhel.com. Those who wish to download the same may do so. Corrigendum if any will be published in BHEL web site only.
 - 4.3. In case, tender documents are requested by post, BHEL-SBD shall not be responsible for any delay due to any reasons (including postal delay) either in receiving the agency's request or receipt of tender documents by the agency.
 - 4.4. Reverse Auction is applicable for this work

For all clarifications/ issues related to the tender, please contact:

(i) Commercial:

Mr. Navit Mahajan, Dy. Manager / Works Engineering Contract, BHEL-SBD,
Prof CNR Rao Circle, IISc Post, Malleswaram, Bangalore- 560 012

E-MAIL: navit@bhel.in

Ph. No. +91-080-22182216

or

Mr. BM Hiremani, AGM / WEX & Works Contract Cell, BHEL-SBD,
Prof CNR Rao Circle, IISc Post, Malleswaram, Bangalore- 560 012

E-MAIL: hiremani@bhel.in

Ph. No. +91-080-22182204

(iii) Technical:

Mr. Manoj Kumar., Manager/ SPV Production
BHEL-SBD, Prof CNR Rao Circle, IISc Post, Malleswaram, Bangalore- 560 012

E-MAIL: m-kumar@bhel.in

Ph. No. +91-9720004729



BHARAT HEAVY ELECTRICALS LIMITED,
Solar Business Division, Malleswaram,
Bengaluru - 560 012

TENDER
DOCUMENT
(PART – A)
Vol. I
~~Volume~~

TENDER DOCUMENT

PART – A

VOLUME - I

1.	GENERAL INFORMATION
2.	SCOPE OF WORK
3.	ELIGIBILITY CRITERIA
4.	PRICE VARIATION CLAUSE
5.	PAYMENT TERMS
6.	ANNEXURES



1.	General Information	
1.1.	Tender Reference Number :	35453
1.2.	Tender Name:	Framework Agreement for Material handling and Assistance in SPV Pre Lamination & Post Lamination
1.3.	Tender System	Single Stage, Two Part Bid Part – A: Techno-Commercial & PQR Part – B: Price Bid
1.4.	Tender Type	Framework Agreement / Service Contract
1.5.	Estimated Value of Contract	Rs. 29828610/-
1.6.	Duration of Contract	7 Months
1.7.	Qualifying Requirement	As per NIT Terms & Conditions
1.8.	Earnest Money Deposit to accompany Tender	Rs. 596572/- in the form of a crossed Demand Draft/EFT favoring BHEL-SBD, Bengaluru. If submitted through DD, the DD in original should reach to the office of undersigned within 7 days of Part A bid opening. MSME / NSIC registered bidders are exempted.
1.9.	Security Deposit	5% of the contract value
1.10.	Cost of Tender documents	NIL
1.11.	Issue of tender documents	As per Enquiry / RFQ / Notification on www.bhel.com
1.12.	Pre- BID Meeting	As per Enquiry / RFQ / Notification on www.bhel.com
1.13.	Last date for Issue of tender documents	As per Enquiry / RFQ / Notification on www.bhel.com
1.14.	Last date for submission of tender doc	As per Enquiry / RFQ / Notification on www.bhel.com
1.15.	Date and time of opening of Tender (Part-A)	As per Enquiry / RFQ / Notification on www.bhel.com
1.16.	Tender Submission Place	BHEL-SBD WEX TENDER BOX kept outside tender room(Bidder to ensure to put tender bids in specified place & box, BHEL-SBD will not be responsible if bids submitted in other than specified place and tender box
1.17.	Tender Opening Place	BHEL-SBD, Tender room, opposite to IISC, Prof. CNR Rao circle, Malleswaram, Bengaluru-560012
1.18.	Dealing Officer (For any Clarifications)	Navit Mahajan, Dy. Manager – Works Contract Cell Contact No.: 080-2218-2216 Email: navit@bhel.in Hiremani B.M. Addl. General Manager – Works Contract Cell Contact No.: 080-2218-2204 Email: hiremani@bhel.in
2.	SCOPE OF WORK	
2.1.	Details as per Annexure I	
3.	ELIGIBILITY CRITERIA	
3.1.	The Firm of contractor/independent contractor (Proprietor) should be registered and having at least three years existence in business consecutively for the past three financial years.	
3.2.	Bidder to submit declaration for obtaining the essential license under Contract Labor (Regulation & Abolition) Act 1970 after award of work. Form-5 will be issued to successful bidder by BHEL for applying the license. Successful bidder has to get the endorsement in the license for the areas and nature of work which they will be performing as part of the contract.	
3.3.	Bidder should have independent ESI Employer code under ESI Act 1948. Photocopy of letter from ESI Corp. to establish that bidder is independently registered as an employer under ESI to be produced.	
3.4.	Bidder should have independent PF code under Employee Provident Fund and Miscellaneous Provisions Act 1952. Photocopy of letter from PF Commissioner's Office to establish that bidder is independently registered as an employer PF to be produced.	



3.5.	Solvency Certificate: A Solvency Certificate from a Nationalized Bank / BHEL consortium Banks (State Bank of India, Canara Bank, Axis Bank, Bank of Baroda, Central Bank, CitiBank N.A, Deutsche Bank**, Exim Bank, Federal Bank Limited, HDFC Bank Limited, Hongkong and Shanghai Banking Corporation Ltd, Indian Bank , ICICI Bank Limited, IDBI Bank Limited , Industrial Bank Limited , Indian, Overseas Bank, Kotak Mahindra Bank Limited, Punjab National Bank, RBL Bank Ltd, Standard Chartered Bank, Union Bank of India, Yes Bank Limited) should be produced regarding the tenderer's financial position. The Solvency Certificate should not be older than 12 months from the due date of Techno-commercial bid opening. Value of Solvency Certificate required: Rs. 3519776/-
3.6.	Average Annual Financial turnover during the last 3 years ending 31 st March of the previous financial year, should be at least Rs. 10559328/- Audited Balance sheet and profit & Loss account attested from Chartered Accountant to be enclosed for the FY 2017-18, 2018-19 & 2019-20. Start-ups registered with DIPP are exempt to fulfill the criteria of minimum turnover and minimum years of experience.
3.7.	Bidders who wish to participate should have executed works of similar nature during last seven years as per below, as on the date of opening of Technical Bid : a. Three similar completed works costing not less than the amount equal to Rs. 1,40,79,104/- each including Taxes OR b. Two similar works costing not less than the amount equal to Rs. 1,75,98,880/- each including Taxes OR c. One similar completed work costing not less than the amount equal to Rs. 2,81,58,208/- including Taxes Note: a. The term "Similar works "means vendor should have successfully executed contracts like: Supply of Manpower, Job Contract including supply of manpower etc. b. The term 'executed' means the bidder should have achieved the criteria specified in the PQR even if the total contract has not been completed or closed. c. Bidder should not have been banned by "any BHEL unit" or "Government of India" or "Government of Karnataka" or Government of other states in India Bidder to submit following documents as proof of completion/execution of work: 1. P.O copy. 2. Work completion Certificate. BHEL reserves the right for independent verification of Documents.
3.8.	The bidder shall also mention the PAN Number issued by Income Tax Department, copy of the PAN card or PAN number allotment letter shall be submitted along with the tender documents.
3.9.	There should be no litigation or charge under investigation / enquiry / trial against the Tenderer, or conviction in a court of law or suspension or blacklisting by any organization on any ground. During the course of work, if any such information comes to light, the contract may be terminated.
3.10.	The opinion / decision of BHEL regarding the bid shall be final and conclusive. BHEL reserves the right to reject any or all the bids at any time without assigning any reason.
3.11.	In case the bidder has a relative employed in BHEL, the authority inviting tender shall be informed of this fact in writing at the time of submission of tender, failing which the tender may be disqualified, or if such fact comes to light subsequently, the contract may be terminated.
3.12.	If the bidder gives wrong information in his tender or creates conditions favorable for the acceptance of his tender, BHEL reserves the right to reject such tender at any stage.
3.13.	For the works which are continuous in nature, and which require regular interaction and monitoring, the bidder shall have an Office/Establishment in Bengaluru. Absence of such an arrangement may lead to disqualification of the Tenderer.



4.	PRICE VARIATION CLAUSE
4.1.	<p>The periodic increase in Basic Wages or Variable Dearness Allowance of the workmen of contractors will be reimbursed by BHEL consequent to revision of minimum wages will be done by adopting the following calculation methodology:</p> <p>Pre-revised Payment = Pre-revised Variable Component + Fixed Component Revised Payment = Revised Variable Component + Fixed Component</p> <ul style="list-style-type: none">• Pre-revised Variable Component= Pre-revised (Basic+DA+ESI+PF)• Revised Variable Component= Revised (Basic+DA+ESI+PF)• Fixed Component= BHEL Additional Payment + Profit Margin of Contractor <p>(Note: No increase will be compensated on the fixed components of the wages. In other words, increase is admissible on the variable components of wages such as Basic Pay, Dearness Allowance, PF& ESI)</p>
5.	PAYMENT TERMS
5.1.	The periodicity of payment to the contractor shall be on a calendar month basis. The contractor shall raise the bill for payment as per the contractual terms & conditions mentioned in the contract, which should be duly certified by the BHEL official in charge of the contracted work.
5.2.	The Contractor shall initially pay the wages, additional wages, Bonus and other allowances of his workmen before 7th of the succeeding month and then claim reimbursement from BHEL. The contractors would be required to submit their Claims along with the proof of payment of wages to the respective Departments. The claims will be scrutinized and certified for payment by the respective department and forwarded to Accounts Department through HR for effecting payment.
5.3.	The Contractor shall file the electronic return of PF/ESI and submit proof of payment of both the employers' and employees' contributions every month. (PF has to be remitted by 15th and ESI by 21st of the succeeding month). Contractor shall submit the challan along with a copy of a self-certified list of contract workers (bearing their names and PF/ESI No. and deductions made) for whom the contribution has been submitted by him for the said period.
5.4.	GST will be reimbursed to the contractor after the contractor pays GST, files return and submits a proof of the same to BHEL.
6.	Annexures
6.1.	Detailed Scope of Work – Annexure I
6.2.	Techno-commercial Bid Application – Annexure II
6.3.	Bidder information
6.4.	Qualification requirements
6.5.	Bidder declaration 1
6.6.	Declaration by Bidder – Annexure III
6.7.	Format for Unpriced Bid– Annexure IV
6.8.	PPP-MII Format – Annexure V
6.9.	Mini Wages payable to Workmen & Calculation of Hourly Rates – Annexure VI
6.10.	Deviation form
6.11.	Border Sharing



ANNEXURE – I SCOPE OF WORK

The tender is being floated for deploying man-power on 3 Shift Basis. Man-Power requirement per Shift is 36+30 = 66 or 198 for 3 Shifts.

Decision for operating 1, 2 or 3 shifts will be decided by BHEL based on availability of Orders, Materials etc. and Payment will be done as per actual man-power deployed.

It may also be noted that this contract is a Framework Agreement or a Rate Contract. BHEL will ask for deployment as per requirement / material availability. Contractor can not claim to deploy all 198 workmen for 7 months.

Assistance in SPV manufacturing-Pre Lamination (Considering 36 Man Power on 8hrs basis/Shift)					
Sl.No	Activity (Examples)	Category	Location	Frequency	Manpower required for the activity
1	2	3	4	5	6
1	Assistance in Unpacking and loading of solar cells into cassettes and feeding cassettes into T & S, Loading of Interconnect bobbins onto T & S, periodic solder flux level top up, removal of cell & interconnect debris from the equipment, general upkeep surrounding the Tabber & Stringers etc.,(1 set = 72 cells/module)	SEMI-SKILLED	SPV Tabber & stringer	per shift	4
2	Assistance of Upkeep of layup area, assisting in pick & place of defective strings from lay-up to rework area and back, placement of RFID tag between glass & EVA. (1 set = 1 RFID)	SEMI-SKILLED	SPV Tabber & Stringer	per shift	2
3	Assistance of Transportation of material, cutting, bending and segregation. Feeding bussing lines. Cleaning and upkeep of the area.(1 set = 2mts EVA, 2 mtrs Backsheet, 3mtrs of Bus bar, Soldering flux), assistance in maintaining soldering irons & bits, hand gloves, respiratory masks and other utilities.	SEMI-SKILLED	SPV Tabber & Stringer	per shift	2
4	Assistance in bussing operation by way of transportation of cut & bend bus bars for line 1 & 2, solder inputs, segregation and sorting of rejected strings / panels, cleaning and upkeep of bussing area & online rework for replacement of cracked / broken cells, dry solders, tab shifts etc., (1 set = 1module)	SEMI-SKILLED	SPV Bussing area	per shift	22
5	Assistance for Mirror inspection & EL Testing of PV Modules for line 1 & 2, transportation of panels to re-work area and back into the line, segregation, accumulation and disposal of broken cells, strings and other waste material(1 set = 1module)	SEMI-SKILLED	SPV Bussing area	per shift	4



6	Assistance for laminator operation inclusive of alignments before loading, data logging, topping up of heat transfer liquid, vacuum pump oil etc. Arranging materials and upkeep of the surroundings of laminators and surroundings. (1 set =1 module)	UNSKILLED	SPV Bussing area	per shift	2
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Assistance in SPV manufacturing-Post Lamination(Considering 30 Man Power on 8hrs basis/Shift)

Sl.No.	Activity (Examples)	Category	Location	Frequency	Manpower required for the activity
1	2	3	4	5	6
1	Laminate handling & segregation for stage inspection for line 1 & 2. (1 set = 1 laminate)	UNSKILLED	SPV POST LAMINATION SHOP	per shift	4
2	Assistance in Corner key fixing for line 1 & 2 (1 set = 8 corner keys)	SEMI SKILLED	SPV POST LAMINATION SHOP	per shift	2
3	Assistance in Frame fixing - loading of frame elements for line 1 & 2. (1 set = 4 frames)	SEMI SKILLED	SPV POST LAMINATION SHOP	per shift	2
4	Assistance in JB fixing, potting, cleaning and soldering- for Line 1 & 2 (1set=1 JB)	SEMI SKILLED	SPV POST LAMINATION SHOP	per shift	4
5	Assistance of Cleaning of PV Modules of spilled sealant, dirt's throughout the module of Top side and handing over for final inspection in Line 1 & 2 with connector attached, etc. (1 set = 1module)	UNSKILLED	SPV POST LAMINATION SHOP	per shift	8
6	Assistance for Hi pot testing, Sun Simulation & EL Testing of PV Modules for line 1 & 2, detach the connector and provide for re-circulation. (1 set = 1module)	SEMI SKILLED	SPV POST LAMINATION SHOP	per shift	6
7	Sorting segregation of PV modules and transportation to auto packing. (1 set = 1module)	UNSKILLED	SPV POST LAMINATION	per shift	4



BHARAT HEAVY ELECTRICALS LIMITED,
Solar Business Division, Malleswaram,
Bengaluru - 560 012

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ANNEXURE – II TECHNO-COMMERCIAL BID APPLICATION

To,

Dy. Manager / WC
Bharat Heavy Electricals Limited
Solar Business Division,
IISc Post, Malleswaram,
Bengaluru – 560 012

Dear Sir,

I / We hereby offer to carry out the work

Framework Agreement for Assistance in SPV Pre Lamination & Post Lamination”

I /We have carefully perused all the clauses mentioned in NIT and agree to abide with the same.

1. Notice Inviting Tender – Part A Volume 1
2. Notice Inviting Tender – Part A Volume 2
3. Price Bid Format - Part – B

I/ We further agree to execute all the works referred to in the said documents.

I declare that, there was never / is no litigation or charge under investigation / enquiry / trial against me / us, nor conviction in a court of law or suspended or blacklisted by any organization on any grounds.

Signature of Tenderer

Date:



6.3 Bidder information

S. No.	DETAILS REQUIRED	Requirement fulfilled (Yes / No / NA/ Value)
1	Name of the Company	
2	Name of Authorized Signatory	
3	Name of Contact person for this tender	
4	Email-id of contact person	
5	Contact number	
6	Bank Account Details (Name of Bank, Branch and Account Number). Cancelled Cheque to be enclosed	
7	Details of Relatives employed in BHEL, Name Designation and Unit - Clause 3.11	
	Relative 1	
	Relative 2	
	Relative 3	



6.4 Qualification requirements

S. No.	DETAILS REQUIRED	Requirement fulfilled (Yes / No / NA/ Value)	Whether proof / document enclosed (YES / NO)
1	The Firm of contractor/independent contractor (Proprietor) should be registered and having at least three years existence in business consecutively for the past three financial years.- Clause 3.1		
2	Submission of Declaration of Labor License as per Clause 3.2		
2	ESI Registration No. Clause 3.3		
3	PF Registration No. Clause 3.4		
4	Average turnover of last 3 years - Clause 3.6		
5	Relevant Work Experience – 1		
	Relevant Work Experience – 2		
	Relevant Work Experience – 3		
6	PAN No. - Clause 3.8		
7	GST Registration Number		
8	MSME / NSIC Certificate to be enclosed (if applicable)		
9	EMD Details (DD No., Amount, Date & Bank)		



10	PPP-MII Format to be enclosed - Annexure V		
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6.5 Bidder Declaration -1

S. No.	Parameter	Requirement fulfilled (Yes / No / NA/ Value)
1	I have carefully read the Tender Terms and Conditions and I submit my agreement for the same.	
2	I have completely understood the scope of work and submitted my agreement to carry out the work as per mentioned in the Tender document.	
3	I have quoted rates for the total scope of work mentioned in the tender document	
4	I agree to participate in the Reverse Auction as per Tender Terms and Conditions	
5	I have understood and accepted the payment terms of BHEL as per CI.5	
6	I am responsible for the safety of workmen deployed and agree to fulfil the requirements as per tender terms	
7	I have understood the LD clause mentioned in this tender and submit my agreement for the same	
8	I agree to participate in the tender and carry out the work (if awarded) ethically and submit my agreement to various requirements in this contract.	
9	I have carefully read the Tender Terms and Conditions and I submit my agreement for the same.	



6.6 ANNEXURE – III DECLARATION BY TENDERER

I, -----, aged-----Yrs., S/o -----,

Residing at -----

Hereby declare as follows:

- (i) That my nationality is _____.
- (ii) That I am a major and eligible to enter into contract / my firm / my company is competent to enter into an agreement.
- (iii) I shall employ only such personnel who have not been found unfit for employment in Organizations such as Central / state / Public undertaking by the Police Authorities.
- (iv) I shall not employ persons against whom Criminal cases are pending or under investigation.
- (v) I shall also not employ persons found guilty of offences involving moral turpitude for executing work in BHEL contracts.
- (vi) That there are no Criminal cases/Civil/Labor pending or under investigation against me or my firm or company.
- (vii) I have not been found guilty of offences involving moral turpitude nor any of the company directors / partners of my firm have been found guilty of offences involving moral turpitude.
- (viii) Neither I nor my firm nor my company has been declared insolvent in the past.
- (ix) I have taken due care and efforts to furnish only information which are true in the tender document.
- (x) I shall employ labor who is more than 18 years of age and less than 58 years and having sound physical and mental health.
- (xi) I shall keep Photograph / identity proof / residential proof of the laborers to be employed against this tender and arrange for police verification.
- (xii) I shall employ and deploy suitable qualified personnel for supervision of the work in each shift and additionally as required for monitoring compliance to process requirements and compliance to contract terms & conditions.

[Signature with Name & seal of the Tenderer]

Date :
Place :



6.7 Annexure IV – Unpriced Bid, SAC / HSN Codes and Percentage Allocation

Item description	Unit	Quantity	Amount without Contractor Margin
Framework Agreement for Material handling and Assistance in SPV Pre Lamination & Post Lamination reg.: a. Engagement of Unskilled labour as per scope of work No of days: 167 No of unskilled worker : 18 Minimum daily wage : Rs. 719.09/- Minimum holiday wage : Rs. 576.01/- b. Engagement of semi-skilled labour as per scope of work No of days: 167 No of semi-skilled worker : 48 Minimum daily wage : Rs. 793.24/- Minimum holiday wage : Rs. 627.81/-	EA	1	28707493.46
Contractor margin (%age)			To be filled by bidder
Contractor margin (Value)			Auto Calculated
Total Including Contractor Margin			Auto Calculated
GST (age%)			To be filled by bidder
GST (Value)			Auto Calculated
Grand Total Including GST			Auto Calculated
Landed cost to BHEL after GST credit			Auto Calculated

(SEAL & SIGN OF BIDDER)



6.8 ANNEXURE V, PPP-MII Format

FORMAT FOR VERIFICATION OF LOCAL CONTENT UNDER PREFERENCE TO MAKE IN INDIA ORDER

(To be submitted with the offer)

[Applicable for procurement value from Rs. 5.00 Lac to Rs. 10.00 Crore]

Self-certification giving the percentage of local content, in line with PPP-MII order, if applicable [to be submitted on the letter head of the issuer.]

Item Name : **Framework Agreement for Material handling and Assistance in SPV Pre Lamination & Post Lamination** Enquiry No. : **35453**

Project : **Framework Agreement for Material handling and Assistance in SPV Pre Lamination & Post Lamination**

Applicable percentage of Local Content.....

(Bidder to indicate local content in percentage)

We have read and understood the provisions of “Public Procurement (Preference to Make in India) Order, 2017” dated 15/06/2017, its revision dated 28/05/2018 and any subsequent modifications/Amendments, if any [hereinafter, “PPP-MII Order”] issued by Department of Industrial Policy and Promotion (DIPP), Ministry of Commerce and Industry, Government of India.

In line with the provisions of the PPP-MII Order, We, M/s. [Enter the name of the Bidder] [hereinafter, “Local Supplier”] submits self-certification to M/s. Bharat Heavy Electricals Limited [hereinafter, BHEL] regarding Local Content in Goods/Services/Works to be supplied by the Local Supplier **Framework Agreement for Material handling and Assistance in SPV Pre Lamination & Post Lamination** (Enter the name of the Equipment/Item for Project), wherein we have agreed to abide by the terms and conditions of the PPP-MII Order.

Details of location at which local value addition will be made is as follows:

We also understand, false declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.

For and on behalf of, Date:

Authorized Signatory

(With Company Seal & Signature)

Note: This is a guiding format. In case the bidder submits the certificate in a format different from the above, the same may be considered provided it meets the intent and purpose, as may be ascertained by BHEL.



6.9 Annexure VI - Minimum Wages payable to Workmen & Calculation of Hourly Rates

WAGES PAYABLE TO WORKMEN OF CONTRACTORS W.E.F.1st APRIL 2020				
TABLE 1: PAYMENT OF DAILY WAGES TO WORKMEN OF CONTRACTORS & GROSS AMOUNT PAYABLE TO CONTRACTOR				
Detail	Unskilled	SemiSkilled	Skilled	HighSkilled
1) Basic	445.69	490.25	539.28	593.21
2) VDA	49.80	49.80	49.80	49.80
Sub Total 'A'	495.49	540.05	589.08	643.01
3)BHEL Additional Payment	123.08	142.31	157.69	165.38
Sub Total 'B'	618.57	682.36	746.77	808.39
4) PF13% of B	80.41	88.71	97.08	105.09
5) ESI 3.25% of B	20.10	22.18	24.27	26.27
6) Contractor's margin				
Gross to Contractors(Rs) [C=B+(4)+(5)+(6)]	719.09	793.24	868.12	939.75

TABLE 2: NET AMOUNT PAYABLE TO WORKMEN OF CONTRACTORS AFTER STATUTORY DEDUCTIONS				
Less Contract Labour contribution	Unskilled	SemiSkilled	Skilled	HighSkilled
1) PF@12% of B	74.23	81.88	89.61	97.01
2) ESI@0.75% of B	4.64	5.12	5.60	6.06
Sub-total 'D'	78.87	87.00	95.21	103.07
Net payable to contract labor(Rs) (B-D)	539.70	595.36	651.56	705.32

HOLIDAY WAGES PAYABLE TO WORKMEN OF CONTRACTORS W.E.F.1st APRIL, 2020				
TABLE 3: PAYMENT OF HOLIDAY WAGES TO WORKMEN OF CONTRACTORS & GROSS AMOUNT PAYABLE TO CONTRACTOR				
Detail	Unskilled	Semi-Skilled	Skilled	High Skilled
1) Basic	445.69	490.25	539.28	593.21
2) VDA	49.80	49.80	49.80	49.80
Sub Total 'A'	495.49	540.05	589.08	643.01
3) Additional Payment				
Sub Total 'B'	495.49	540.05	589.08	643.01
4) PF13% of B	64.41	70.21	76.58	83.59
5) ESI 3.25% of B	16.10	17.55	19.15	20.90
6) Contractor's margin				



Gross to Contractors(Rs) [C=B+(4)+(5)+(6)]	576.01	627.81	684.81	747.50
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TABLE 4: NET AMOUNT PAYABLE TO WORKMEN OF CONTRACTORS AFTER STATUTORY DEDUCTIONS				
Less Contract Labour contribution	Unskilled	Semi-Skilled	Skilled	High Skilled
1) PF@12% of B	59.46	64.81	70.69	77.16
2) ESI@0.75% of B	3.72	4.05	4.42	4.82
Sub-total 'D'	63.17	68.86	75.11	81.98
Net payable to contract labor(Rs) (B-D)	432.32	471.19	513.97	561.03

Note:

1) Bonus to be paid by the contractor which is calculated as below:

@ 8.33% of Basic + VDA for Working Days+Paid Holiday & Leave

2) Bonus amount as per the above mentioned formula is already included in the amount(without contractor margin) in the un-priced bid of Rs 28707493.46 and the same will not be paid separately.

3) The cost of uniform and safety shoes have to be borne by the contractor from the profit margin and the same will not be reimbursed or paid separately.

4) Price Variation Clause: The periodic increase in Basic Wages or Variable Dearness Allowance of the workmen of contractors will be reimbursed by BHEL consequent to revision of minimum wages will be done by adopting the following calculation methodology:

Pre-revised Payment = Pre-revised Variable Component + Fixed Component

Revised Payment = Revised Variable Component + Fixed Component

• Pre-revised Variable Component= Pre-revised (Basic+DA+ESI+PF)

• Revised Variable Component= Revised (Basic+DA+ESI+PF)

• Fixed Component= BHEL Additional Payment + Profit Margin of Contractor

(Note: No increase will be compensated on the fixed components of the wages. In other words, increase is admissible on the variable components of wages such as Basic Pay, Dearness Allowance, PF& ESI)



6.10 ANNEXURE VII, NON-TECHNICAL DEVIATION

Sl No.	Volume	Part/Clause Sl no.	NIT requirement	Bidder's Deviation

Total No. of deviations proposed by the Bidder- _____ nos.

BIDDER'S SIGN & SEAL:

Note: The Offers should be in full conformity with the terms and conditions of this tender. Incorrect and incomplete tenders are liable to be rejected. Deviations, if any, should only be mentioned as per formats for Non-Technical Deviations (i.e. General Terms & Conditions, Commercial Terms etc.) & Technical Deviations (i.e. Scope of Work, Modalities of Contract etc.). BHEL at its discretion whether to give any further chance to a bidder in case of any deviation or reject the same offer.



ANNEXURE VIII, TECHNICAL DEVIATION

Sl No.	Volume	CLAUSE NO.	NIT requirement	Bidder's Deviation

Total No. of deviations proposed by the Bidder-_____ NOS.

Place:

Date:

Signature & Seal of the bidder:

Note:The Offers should be in full conformity with the terms and conditions of this tender. Incorrect and incomplete tenders are liable to be rejected. Deviations, if any, should only be mentioned as per formats for Non-Technical Deviations (i.e. General Terms & Conditions, Commercial Terms etc.) & Technical Deviations (i.e. Scope of Work, Modalities of Contract etc.). BHEL at its discretion whether to give any further chance to a bidder in case of any deviation or reject the same offer.