

**Tender for Renovation and Repair of flat No.
275 at AGVC, Siri Fort, New Delhi**



Bharat Heavy Electricals Limited
BHEL House, Siri Fort, New Delhi-110049
Tel: 011-66337408, Fax: 011-66337428



Corporate Office, BHEL House, Siri Fort, Asiad, New Delhi
Tele No. 011- 66337408 (Phone), 011-66337428 (Fax)

No. AA: GAX: 11: RC: 175, Dt. 24.02.2012

Submission of tender enquiry on 09.03.2012 by 02.00 PM
Due date for opening of bid on 09.03.2012 at 02.30 PM

SUB: **Renovation and Repair of flat No. 275 at AGVC, Siri Fort, New Delhi.**

Dear Sirs,

We are pleased to invite your tenders, in sealed covers for the subject work. The terms & conditions of the tender are mentioned below:-

1. TERMS & CONDITIONS OF TENDER:

- 1.1 Tender Enquiry No. & due date must be legibly superscribed on all the envelopes.
- 1.2 Tenders shall be received and opened on the due date and time as mentioned above in the presence of tenderers or their authorized representatives who may like to be present.
- 1.3 Tenders shall be strictly in accordance with the tender specifications. Any deviations shall be listed out separately.
- 1.4 Offers shall remain valid for 90 days period from the due date of submission of tenders.
- 1.5 BHEL shall be under no obligation to accept the lowest or any other tender and shall be entitled to accept or reject any tender in part or full without assigning any reason whatsoever.
- 1.6 Tenders received after due date & time are liable to be rejected.
- 1.7 BHEL reserves the right to increase or decrease the quantity \pm 15% of contract value at the same rates and terms and conditions of this contract.
- 1.8 Tender should be submitted along with covering letter of the tenderer and duly signed on each & every page of the tender document, technical specifications and price bid.
- 1.9 Each tenderer has to deposit **EMD of Rs. 60,000.00/- (Sixty thousand only)** for the above job and the same will be in the form of Pay Order or Demand Draft only in favour of BHEL, payable at New Delhi. EMD submitted by tenderer will be forfeited if tenderer revokes his tender within validity period or increases his rates.
- 1.10 Each tender shall be accompanied by separate envelope carrying EMD as mentioned above failing which the tender will be rejected.

1.11 **Security Deposit:** Upon acceptance of tender, the successful tenderer must submit the security deposit of **Rs. 1 Lakh + 7.5% of the amount exceeding Rs. 10 lakhs** in any of the following forms.

- i) Cash (as permissible in the income tax act)
- ii) Pay Order, Demand Draft in favour of BHEL
- iii) Local cheques of scheduled bank, subject to realization
- iv) Securities available from Post Offices such as National Saving Certificates, Kisan Vikas Patras etc. (certificates should be held in the name of Contractor furnishing the security and duly pledged in favour of BHEL and discharged on the back).
- v) Bank Guarantee from Scheduled Banks/ Public Financial Institutions as defined in the Companies Act. The Bank Guarantee format should have the approval of BHEL.
- vi) Fixed Deposit Receipt issued by Scheduled Banks/ Public Financial Institutions as defined in the Companies Act. The FDR should be in the name of the contractor, A/C BHEL, duly discharged on the back.
- vii) Security deposit can also be recovered at the rate of 10% from the running bills. However in such cases at least 50% of the Security Deposit should be collected before start of the work and the balance 50% may be recovered from the running bills.

(Note: In case of small value contracts not exceeding Rs. 10 lakhs and all SAS jobs, work can be started before Security Deposit is collected. However, payment can be released only after collection/ recovery of initial 50% Security Deposit).

- viii) EMD of the successful tenderer can be converted and adjusted against the security deposit.
- ix) The security deposit shall not carry any interest.

(Note: Acceptance of Security Deposit against Sl. No. (iv) and (vi) above will be subject to hypothecation or endorsement on the documents in favour of BHEL. However, 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 herewith).

- x) Security deposit shall not be refunded to the contractor except in accordance with the terms of the contract.

- 1.12 EMD of successful tenderer will be converted into security deposit and balance amount of security deposit will have to be deposited as per clause No. 1.11. EMD given by all successful tenderers shall be refunded normally within fifteen days of acceptance of award of work by the successful tenderer. EMD shall not carry any interest.
- 1.13 Prices quoted by the tenderers will be firm and no escalation on account of labour or material or taxes or any reason whatsoever will be paid to the successful tenderer for execution of the above job.
- 1.14 Prices quoted by the tenderers should be inclusive of all taxes etc. as prevailing on Works Contract, but excluding service tax as applicable, for which the successful tenderer has to submit the tax deposit receipt proof for release of payment along with the bill submitted for the payment.
- 1.15 Evaluation of the Tenderers will be done on overall quote basis for the complete work and entire job will be awarded to the overall tenderer. If at the time of submitting price breakup, by the L1 bidder, it is found that the rate quoted against any item is mismatching with amount of the same item or vice versa then the lower value of the two (either rate or amount) will be accepted, and total amount of work order will be calculated on the basis of lower value.
- 1.16 **Completion Time & LD:** Entire work has to be completed within 3 months from the date of award of work/LOI failing which liquidated damages will be imposed @ ½ % of the Gross Value for per day of delay, subject to a maximum of 10% of the Gross Value. LD will be calculated on the total value of Work Order.
- 1.17 **Payment terms:** Full and final bill will be paid after successfully completion of work.
- 1.18 The successful tenderer will carry out the work as per specifications. In case of any doubt regarding the specification and its quality of work, Engineer in Charge's clarification and decision will be final and binding on him.
- 1.19 The successful tenderer has to carry out the work day and night without creating any nuisance to the neighborhood. No time extension will be allowed whatsoever be the reason. After handing over the site/flats the contractor will be responsible for the belonging of flats and materials brought by him for execution of job.
- 1.20 Tenderers are requested to go through the scope of work, visit the site location etc. and get fully acquainted with the work place and prevailing working conditions to get all their doubts clarified regarding the above work before submitting the offer. Engineer-in-charge's decision will be full and final in the event of any doubt.
- 1.21 The successful tenderer must comply to all statutory labour law regulations applicable to this contract like minimum wages act, timely payment of wages etc. including taking of insurance cover etc. for workers employed for this contract. Any obligation on account of the above will be the liability of the successful tenderer.
- 1.22 In case of any objection from any statutory / local authority, the successful tenderer has to liaison with them for smooth progress of work.

- 1.23 The successful tenderer will be responsible for the quality of the work and it is to be guaranteed for a period of one year from the date of completion of job.
- 1.24 Period of maintenance shall mean the period of one year which will be calculated from the date of completion of the works certified by the Engineer in accordance with conditions of the contract. The period of maintenance shall always be reckoned from the date of completion of the whole of the works as accepted / taken over by Engineer-in-charge.
- 1.25 The Tenderers are required to quote for the complete scope of work. Tenders for part of the work or incomplete in any respect are liable to be rejected. Tenderers shall certify in the Techno- commercial bid that rates for all the items have been quoted.
- 1.26 Work order will be placed on lowest bidder for the complete scope of work i.e. Renovation and Repair of flat No. 275 at AGVC, Siri Fort, New Delhi for which the bidder has qualified in the Techno-commercial Bid and subsequently has emerged as lowest bidder in the evaluation of price bid.
- 1.27 Penalty will be levied by BHEL as per relevant clauses of the Tender on account of delay, violation of contract conditions and non-performance of the Contractor.
- 1.28 All documents submitted by the Tenderer in his tender shall be accompanied with a covering letter giving index interlinking all the documents.
- 1.29 BHEL reserves the right to accept or reject any of the bid / all bids with or without deviation or cancel / withdraw the invitation for bid without assigning any reason whatsoever and in such case no tenderer shall have any claim arising out of such action by BHEL.
- 1.30 Technically qualified vendors will be termed as deemed registered vendors for future work in BHEL corporate office.

2.0 QUALIFYING CRITERIA FOR THE TENDERERS:

Bids are invited from technically capable & financially sound vendors

- 2.1 Average Annual financial turnover during the last 3 years, ending on 31st March' 2011, should be at least **Rs. 7.17Lacs**.
- 2.2 Contractors having experience of successfully completion of similar works during last 7 years ending on 08.02.2012 should be either of the following: -
- a. Three similar completed works each costing not less than the amount equal to 40% of the estimated cost i.e. **Rs. 9.56 Lacs**.
- OR**
- b. Two similar completed works each costing not less than the amount equal to 50% of the estimated cost i.e. **Rs. 11.95 Lacs**.
- OR**
- c. One similar completed work costing not less than the amount equal to 80% of the estimated cost i.e. **Rs. 19.11 Lacs**.

- 2.3 Tenderers must have valid registration no. of **PAN No. , VAT / TIN No. , Service Tax No.** which they have to submit during submission of bid. Proof of valid PF & ESI registration No. will have to produce by the bidders at the time of submission of bill.

Note: -

'Similar **works**' mentioned in Para 2.2 above shall necessarily include Construction/ "Renovation/ Modification of **residential / office buildings** with any Central Govt. / State Govt. / PSUs / Public Limited Company." Annual Maintenance Contract / Rate Contract will not be consider in the category of '**Similar works**'.

3.0 DOCUMENTS REQUIRED:

- 3.1 The Tenderers should submit documents in support of possessing Qualifying requirements as under, duly certified and stamped by their authorized signatory:
- a) Copy of income tax return of previous three financial years (2011-12, 2010-11, 2009- 10) and work orders along with BOQ and completion certificates in support of the qualifying criteria mentioned at clause no. 2.0 above with covering letter / indexing of the same. Tenderer shall also submit covering letter with calculation of average financial turnover (with proof) of previous three years and description of successfully completed work in support of 2.1 and 2.2 respectively.
 - b) Tenderer has to submit a copy of registration certificate of **PAN No. , VAT/TIN No.** Proof of valid PF & ESI registration No. will have to produce by the bidders at the time of submission of bill.
 - c) Un-priced price bid format duly signed by the tenderer shall be submitted along with technical bid by mentioning 'Q' in the column where quote is to be offered by the bidder.
 - d) A copy of tender enquiry duly signed on each and every page shall be submitted along with technical bid.
 - e) Tenderer has to submit the **No Deviation Certificate** duly signed in the format mentioned in **Annexure – A.**
 - f) Tender has to be submitted with contact address and e-mail ID etc. duly filled and signed as placed in **Annexure-B.**
 - g) Bidder must submit the technical details in the enclosed format (**Annexure –C**).
 - h) The Bidder must Submit a declaration (enclosed at **Annexure –D**), that no case is pending with the police/ court against the proprietor/ firm/ partner or the company (Agency). As well as the bidder has not been suspended / blacklisted by any organization.
 - i) Bidder must submit the check list enclosed at **Annexure-E** after duly filled and signed.

4.0 **PROCEDURE FOR SUBMISSION OF TENDERS:**

- 4.1 The tender is to be submitted as required in two parts in separate sealed covers **prominently superscribed as Part-1 “Techno-commercial Bid” & Part-2 “Price Bid”** and also indicating on each of the covers the tender specification number and due date and time as mentioned in the tender enquiry. Envelope of Part-1“Techno-commercial Bid” shall contain documents required in Para 3.0 above and Part-2 “Price Bid” shall contain price bid duly quoted in the BOQ format. A third sealed cover shall contain required amount of EMD and shall be super scribed as EMD. These three separate covers 1, 2 and 3 shall together be enclosed in fourth envelope and this sealed cover shall be superscribed with tender specification number / numbers and due date. Tenders submitted without EMD are liable to be rejected.
- 4.2 Envelope No. 3 containing EMD will be opened first and after due verification of EMD as per clause No. 1.9, the Part – 1 of the tender will be opened next and evaluated afterwards. Tenderers who qualify in Technical Bid (Part – 1) will only be considered while opening of Price Bid (Part – 2). The unsuccessful tenderers will be intimated through email for rejection in the technical bid. BHEL may finalize successful tenderer by **opening of sealed price bid or by conducting online Reverse Auction**. Date of opening of sealed Price Bid / conducting of online Reverse Auction will be intimated separately to the Tenderers who qualify in the Techno-Commercial bid.
- 4.3 Tenders should strictly be in accordance with the tender specifications & General Instructions to the Tenderer enclosed herewith.
- 4.4 The Tenderer should accept all terms & conditions of the tender unconditionally. In case the Tenderer wants to deviate from the tender conditions, such deviations shall be clearly specified in his tender. If no deviations are given in tender submitted, it will be assumed that the Tenderer accepts all terms and conditions of the tender.
- 4.5 Tenders with deviations from terms and conditions are likely to be rejected.
- 4.6 Clarifications, if any, of Technical / Commercial nature, can be obtained from the officer to whom the tender is to be submitted or from New Delhi office at the address given up to one week before the tender due date.

5.0 **SCOPE OF WORK:**

Sl. No.	Description of work	Unit	Qty	Rate (Rs.)
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5.1 As per Bill of Quantity enclosed at **Annexure-F**

The tender(s) should reach the under mentioned on or before the due date mentioned above. BHEL will not be responsible for delay in receipt of tender(s), sent by post / courier. The same shall be opened on scheduled date and time. Tenderers may provide their e-mail ID for faster communication in respect of the above.

Md. Kashif Ajmal
Asstt. Engr. (HR-GAX)
Bharat Heavy Electricals Limited
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Phone No.: 011 – 66337408,
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For & on behalf of
Bharat Heavy Electricals Ltd.

(Salonee Gupta)
Engineer (HR-GAX)

Enclosures: As above

NO DEVIATION CERTIFICATE

“No deviation from tender conditions of tender enquiry and scope of services mentioned in BOQ”.

Signature and Seal of the Bidder

Annexure-B

Sl. No.	Description	Details
1	Name of the Bidder	
2	Address of the bidder	
3	Contact Person's Name	
4	Cell No. of Contact Person	
5	Land Line No.	
6	FAX No.	
7	E-mail ID of the Bidder	
8	Website address if any	

Signature & Seal of the Bidder

TECHNICAL DETAILS**Rs. Lacs**

TURNOVER (F.Y.)	2010-11	2009-10	2008-09
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EXPERIENCE	No. of Work	Value	Customer's Name
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SIMILAR WORKS	Nature of Works	No. of works	Value	Customer's Name
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EPF Registration number	
ESI Registration number	
PAN Card No.	
VAT/TIN No.	
Service Tax No.	

Income Tax Return (F.Y.)	2011-12	2010-11	2009-10	
EMD Details	Bank Name	DD/ PO No.	Date	Amount

Note: Copy of a cancelled cheque to be attached.**(Signature & Seal of the Bidder)**

ANNEXURE: D

DECLARATION

I / We do hereby declare that there is no case with the Police/Court/Regulatory authorities against the proprietor/firm/partner. Also I/We have not been suspended / delisted / blacklisted by any other Govt. Ministry / Department/Public Sector Undertaking/ Autonomous Body/Financial institution/Court. We also certify that either our firm or any of the partners are not involved in any scam or disciplinary proceedings settled or pending adjudication

(Signature & Seal of the Bidder)

Place:

Date

**CHECK-LIST (TECHNICAL BID)
SUMMARY OF COMPLIANCE TO REQUIREMENT OF TENDER**

Sl. No.	Description of requirement	Yes/ No/NA	Page No.
1	EMD of Rs. 60,000/- in the form of Pay order or Demand Draft in favour of “Bharat Heavy Electricals Ltd” in a separate envelope.		
2	Details of work experience, satisfactory work performance certificates.		
3	Copies of the Balance sheet and Profit & Loss account statement of last three financial years i.e. FY 2010-11, 2009-10 & 2008-09 duly certified by CA.		
4	Acknowledgement of I-T return of last three financial years i.e. FY 2011-12, 2010-11& 2009-10		
5	Copy of the PAN card.		
6	Copy of ESI registration certificate		
7	Copy of Service Tax registration certificate		
8	No deviation certificate enclosed at Annexure – A		
9	Bidder’s detail as per Annexure- B		
10	Technical details as per Annexure-C		
11.	Declaration enclosed at Annexure – D		
12	All the pages of tender document have been signed		
13	Sealed envelop of price bid submitted.		

(Signature & Seal of the Bidder)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

BHEL House, Siri Fort, New Delhi - 110049**NAME OF WORK: RENOVATION & MODIFICATION OF FLAT No. 275 AT AGVC, NEW DELHI.**

S. No.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	Amount (Rs.)
	<u>PART-A</u>				
	Dismantling & Demolishing work				
1.01	Dismantling of flushing cistern & European W.C. of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 meters lead.	each	5		
1.02	Dismantling of flushing cistern & Indian W.C. of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 meters lead.	each	1		
1.03	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 meters lead : of area 3 sq. meters and below	each	25		
1.04	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 meters lead as per direction of Engineer-in-charge. In cement mortar	cum	3		
1.05	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 meters lead as per direction of Engineer - in-charge.	cum	1		
1.06	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 meters lead as per direction of Engineer - in - charge. 1:3:6 or richer mix	cum	10		
1.07	Dismantling C.I. or asbestos rain water pipe with fittings and clamps including stacking the material within 50 meters lead : 100 mm dia pipe	mtr	25		

S. No.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	Amount (Rs.)
1.08	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means including stacking of pipes at the risk & cost of Contractor : 15 mm to 40 mm nominal bore	mtr	25		
1.09	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 meters lead.	sqm	550		
1.10	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 meters lead. For thickness of tile 10 to 25 mm	sqm	85		
2.00	BRICK WORK				
2.01	Brick work with F.P.S bricks of class designation 75 in super structure above plinth level up to floor V level in all shapes & sizes in -1:4 cement mortar	cum	10		
2.02	Half brick masonry with FPS bricks of class designation 75 in superstructure above plinth level up to floor V level Cement mortar 1:4 (1 cement : 4 coarse sand)	Sqm	20		
3	PLASTERING & FINISHING WORK				
3.01	Providing and applying plaster of Paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete	Sqm	700		
3.02	15 mm cement plaster finished with a floating coat of neat cement of mix - 1:4 (1 cement : 4 fine sand)	sqm	95		
3.03	Applying one coat of cement primer of approved brand and manufacture on wall surface - Cement Primer	sqm	700		
3.04	Washed stone grit plaster on exterior walls of height up to 10m above level in two layers, under layer 12mm cement plaster 1:4(1cement:4coarse sand) furrowing the under layer with scratching tool, applying cement slurry on the under layer @ 2kg of cement per sqm, top layer 15mm cement plaster 1:1/2:2(1cement:1/2coarsesand:2stone chippings10mm nominal size) in panels with groove all around as per approved pattern including scrubbing& washing, the top layer with brushes & water to expose the stone chippings, complete as per specification as per E.I.C(payment for providing groove shall be made separately)	sqm	35		

S. No.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	Amount (Rs.)
3.05	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	sqm	650		
3.06	Wall Painting with plastic emulsion paint of approved brand and manufacture to give an even shade - one or more coat on old work	sqm	700		
3.07	Painting with enamel paint of approved brand and manufacture of required colour to give an even shade -one or more coats on old work	sqm	30		
3.08	Distemping with dry distemper of approved brand and manufacture of required colour to give an even shade on new work (two or more coats) over and including priming coat with cement primer	sqm	32		
3.09	Finishing wall with water proofing cement paint of required shade on exterior walls -old work(one or more coats applied @2.20kg/10sqm)over priming coat of primer applied@080ltrs/10sqm	sqm	80		
3.10	French spirit polishing - Two or more coats on new works include a coat of wood filler.	sqm	90		
3.11	Melamine polishing coat on wood work (one or more coat) to give melamine finish on over and above item.	sqm	90		
3.12	Pointing on stone work in cement mortar 1:3 (1 cement : 3 fine sand) raised and cut pointing	sqm	30		
3.13	6 mm Cement plaster 1:3 finished with a floating coat of neat cement and thick coat of lime wash in slots of parapet wall.	sqm	20		
4.00	WOOD & STEEL WORK				
4.01	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position:" Second class teak wood	cum	1.1		
4.02	Providing & fixing paneled & glazed shutters for doors, windows & celestory windows including ISI marked black enameled M.S butt hinges with necessary screws excluding, panelling which will be paid for separetly-2 and teak wood -35mm thick shutters	sqm	40		
4.03	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick :Second class teak wood	sqm	29		

S. No.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	Amount (Rs.)
4.04	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4 mm thick glass panes including black enameled M.S. butt hinges with necessary screws - 35 mm thick - second class teak wood.	sqm	25		
4.05	Extra for providing frosted glass panes 4 mm thick instead of ordinary float glass panes 4mm thick in doors, windows and celestory windows ,shutters (area of opening for glass panes excluding portion inside rebate shall be measured)	sqm	5		
4.06	Providing and fixing wire gauge laminated veneer lumber shutters conforming to IS : 14616, and as per TADS 15 :2001 (Part B) using galvanized wire gauge with average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm as per IS :1568 for doors, windows and clerestory windows including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws as per directions of Engineer-in-charge:	sqm	15		
4.07	Extra for providing lipping with 2nd class teak wood battens 25 mm minimum depth on all edges of shutter (o/a area of door shutter to be measured)	sqm	40		
4.08	P/F wooden moulded beading to door and window frames with iron screws, pugs, and priming coat at the junction of frame and wall- 2nd class teak wood 50 X 12 mm	M	150		
4.09	Providing and Fixing fly proof galvanized blue colored M.S wire gauge to window and celestory window using galvanized M.S wire gauge with average width of aperture 1.4mm in both directions with wire of dia .63mm-with 12mm mild steel U beading	sqm	6		
4.10	Providing and fixing bright finished chrome plated brass tower bolt of thickness 10 mm with necessary screws etc. complete				
(a)	250x10mm	each	20		
(b)	150x10mm	each	26		

S. No.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	Amount (Rs.)
4.11	Providing and fixing bright finished chrome plated brass handles with screws etc .complete-125mm	each	60		
4.12	Providing and fixing bright finished chrome plated brass hanging type floor door stopper with necessary screws etc. complete	each	18		
4.13	Providing and fixing aluminum sliding door bolt ISI marked anodized (anodic coating not less than grade AC 10 as per IS:1868) transparent or dyed to the required color or shade with nuts and screws etc. complete - Size 300 X 16mm	each	15		
5.00	FLOORING WORK				
5.01	Providing and fixing 18 mm thick mirror polished, machine cut for kitchen platforms, vanity counters 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, making of holes etc. complete at all levels- With Granite of any colour	sqm	7		
5.02	Extra for providing half round edge moulding to 18 mm thick marble stone counters, Vanities etc. over above item no. including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge. Granite Work	M	10		
5.03	Extra for providing half round edge moulding to 18 mm thick marble stone counters, Vanities etc. over above item no. including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge. Marble Work	M	50		
5.04	Extra for providing opening of required size & shape for wash basins/kitchen sink in kitchen platform, vanity counters and similar location in marble/granite/stonework including rubbing and polishing of cut edges etc. complete	each	4		
5.05	Marble stone flooring with 18mm thick marble stone (sample of marble shall be approved by Engineer-in Charge) over 20mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with grey cement slurry including rubbing and polishing complete with - Agaria White	Sqm	285		

S. No.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	Amount (Rs.)
5.06	Marble stone flooring with 18mm thick marble stone (sample of marble shall be approved by Engineer-in Charge) over 20mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with grey cement slurry including rubbing and polishing complete with - Udaipur Green	Sqm	25		
5.07	Kota stone slab flooring over 20mm 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 1:4-25mm thick	sqm	25		
5.08	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 of approved make in all colours and shades of any size as approved by engineer-in-charge in skirting .risers of steps and dados over 12mm 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 shade complete. Basic rate of tile should be at least 500/- sqm	sqm	175		
6	CONCRETE AND FORM WORK				
6.01	P/L in position cement concrete of specified grad excluding the cost of centering and shuttering- All up to plinth level: 1:2:4 (1 cement: 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	Cum	4		
6.02	Reinforced cement concrete work in beams, suspended floors, roof having slope up to 15° landings, balconies shelves, chajjas, lintels, bands, plain window sills, staircase, and spiral stair cases up to floor five level excluding the cost of centering and shuttering and finishing and reinforcement with 1:2:4 (1 cement : 2 coarse sand: 4 graded stone aggregate 20 mm nominal size)	Cum	2.5		
6.03	Reinforced cement concrete work in arches, domes, vaults, shells, foded plate and roofs having slope more than 15° up to floor five level excluding the cost of centering and shuttering finishing and reinforcement with 1:2:4 (1 cement : 2 coarse sand: 4 graded stone aggregate 20 mm nominal size)	Cum	0.54		
6.04	Centering and shuttering including propping , strutting, etc. and removal of the form for				
	Suspended floors, roofs, landings, balconies, and access platforms	Sqm	32		

S. No.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	Amount (Rs.)
7	SANITARY WORK				
7.01	Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes SDR 7.4 U V stabilized and anti- microbial fusion welded, having thermal stability for hot and cold water supply including all PP-R plain & brass threaded polypropylene random fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes testing of joints complete as per direction of EIC - internal work exposed on wall				
	PN- 16 pipe, 25mm OD	meter	55		
7.02	Brass full way valve with CI wheel (screwed end) 25 mm dia	each	4		
7.03	Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes SDR 7.4 U V stabilized and anti- microbial fusion welded, having thermal stability for hot and cold water supply including all PP-R plain & brass threaded polypropylene random fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes the cost of cutting chases and making good the same including testing of joints complete as per direction of EIC. Concealed work including cutting chases and making good the walls etc.: PN- 16 pipe, 16mm OD	M	15		
7.04	Making connection of GI distribution branch with GI main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete: 25 to 40 mm nominal bore	each`	4		
7.05	Providing and fixing w/c squatting pan (Indian type w/c pan) with 100 mm sand cast Iron p or s trap,10litre 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:-				
i)	White vitreous china Orissa pattern W.C pan of size 580x440mm with integral type foot rests	each	1		

S. No.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	Amount (Rs.)
7.06	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10litre low level white vitreous china flushing cistern & C.P. flush bend with fitting & C.I. brackets, 40mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete including painting of fittings and brackets, cutting and making good walls and floors wherever required:				
	W.C. pan with ISI marked white solid plastic seat and lid	each	4		
7.07	Extra for using colored pedestal type W.C. pan (European type / Anglo-Indian type) with low level cistern of same colour instead of white vitreous china w.c pan and cistern	each	4		
7.08	Providing and fixing solid plastic seat with lid for pedestal type W.C. pan complete :Colored (other than black & white) solid plastic seat with lid	each	4		
7.09	Providing and fixing stainless A ISI 304(18/8) kitchen sink as per IS 13983with C.I bracket and stainless steel plug 40mm including painting of fittings and brackets ,cutting and making good the walls where ever required				
i)	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I. brackets and stainless steel plug 40 mm including painting of fittings and brackets, cutting and making good the walls wherever required: Kitchen sink without drain board 610 X 460 mm bowl depth 200 mm	each	1		
7.10	P/F soil waste and vent pipes: 100 mm dia. Centrifugally cast iron socketed pipe as per IS: 3990	M	6		
7.11	P/F single equal plain junction of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete Sand Cast Iron as Per S&S	each	4		
7.12	P/F the joints with spun yarn complete slurry and cement mortar 1:2 (1 cement: 2 fine sand) in S.C.I./ C.I. pipe : 100 mm dia	each	4		
7.13	P/F plain bend of required degree				
a.	100 mm sand CI	each	5		

S. No.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	Amount (Rs.)
7.14	P/F lead caulked joints to sand cast iron/ centrifugally cast (spun) iron pipes and fittings of dia 100mm	each	10		
7.15	Slotted cowl 100 mm dia	each	1		
7.16	10 cm thick (average) mud phuska of damped brick earth on roofs laid to slope consolidated and plastered with 25 mm thick mud mortar mixed with bhusa at 35 kg per cum of earth and gobri leaping with mix 1:1 and covered with flat tile bricks of designation 100 grouted with cement mortar 1:3 mixed with 2 % of integral water proofing compound by weight of cement and finished neat:				
	With FPS brick tiles	Sqm	75.00		
8.00	CIVIL MISCELLANEOUS ITEMS				
8.01	Filling of Grooves in Grit Plaster Outside. (a)Cleaning of Grooves properly. (b)Applying water proofing Chemicals over the grooved surface.(c) Applying of cement sand mortar with water proofing chemical as per manufacturer specification to fill the grooves.(d) Matching the colour of plaster with the existing colour of surface.	Per Flat	1		
8.02	Providing and fixing of pastel colour vitreous china wash basin size 17"x23" with C.I. Brackets painted white, C.P. brass chain with rubber plug, 32 mm C.P. brass waste of standard pattern, 32 mm diameter C.P. bottle trap make "Parko" and complete, including cutting and making good the walls wherever required	each	5		
8.03	Grinding and polishing of existing mozaic or kota in flooring and skirting.	Sqm	2.5		
8.04	Providing & fixing M.S Grill made of 8 mm tub type square bars & 20m x 4mm thick MS Flat and MS angle of required sizes for window and door grills (with Godown lock, MS L drop tower bolt etc all complete), same shall be fixed to the wooden frame with steel screws etc. as required and finished with one coat of red oxide primer and synthetic painting.	KG	450		

S. No.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	Amount (Rs.)
8.05	Removing of old railing in staircase and refixing, joining it in proper alignment at side of stair by drilling in RCC	LS	2		
8.06	Filling of khangar in sunken portion of floor and back portion of building to raise the level up to proper height	Cum	5		
8.07	P/F 4 mm thick colored acrylic sheet at the entrance of the room with nut bolt or GI hook over frame of size 2' X 2' consumed by 2" X 1" (16 gauge) pipe	Sqm	25		
8.08	Providing and fixing in position ward robe / kitchen cabinets up to 600 mm deep as per drawing made up of one side teak board of 19 mm thick waterproof plywood laminated on both sides with 0.8 mm thick laminate for inside, outside with 4 mm teak veneer with melamine polish for exposed shutters, backside (in touch with wall, ceiling, floor) covered with 20 gauge aluminum sheet with all ends to be sealed with TW margin with horizontal shelves and vertical partition each ward robe and kitchen units along with shelves, shoe trays & drawers operative on telescopic channels for coats, sarees, clothes other household material and kitchen items including the cost of all accessories, hardware like hinges, catchers, handles, telescopic channels, locks, rods etc. all complete.	Sqft.	500		
8.09	Modular kitchen fitting with SS basket, channels and all accessories	each	1		
8.10	P/F MS circular pipe of dia 2" with hold fast	Kg	145		
8.11	Providing and fixing of ordinary fixed glass panes 6mm thick in window with proper wooden bidding	Sqm	25		
8.12	Providing and fixing bright finished chrome plated brass 100 mm mortice lock with 6 levers handles with necessary screws etc. complete- Godrej make or equivalent	each	6		
8.13	P/F 6 mm thick 19 mm high golden colored Jaisalmer stone as per direction of EIC	RM	150		
8.14	Providing and fixing square-month S.W. gully trap grade A complete with C.I. Grating brick masonry chamber with locally available best quality bricks and water tight C.I. Cover with frame of 300x300 mm size (inside). The weight of cover to be not less than 4.50 kg and frame to be not less than 2.7 kg as per standard design - 180X 100 mm size P type with F.P.S. bricks with class designation 75	No	4		

S. No.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	Amount (Rs.)
8.15	Providing and fixing of 2" to 2.5" 2nd class teak wood hand rail in stair with the finish of melamine polish	RM	20		
8.16	P/F rubber door stopper of cylindrical shape of required size	Each	20		
8.17	P/F Sintex 200 lit loft tank with all fittings and fixtures	No	1		
8.18	Fixing C.P. brass fitting in toilet with extension pc., CP pipe & nut - bolt, washer etc. complete as per following detail :- Make of sanitary ware "PARKO or JAGUAR				
i.	Concealed stopcock with sliding cap (Cate No. 1516)	each	6		
ii.	Canceled single lever mixer (2 way)	each	4		
iii.	15 mm diameter small body bib cock (Two in one for Jet)	each	4		
iv.	Basin inlet connection with 15" long pipe (Cat No. 1519)	each	25		
v.	Providing and fixing overhead shower	each	4		
vi.	Providing and fixing hand shower near toilet sheet	each	4		
vii.	Single lever basin mixer (Cate No. 2100)	each	4		
viii.	Single lever sink mixer	each	1		
ix.	Providing and fixing angle valve (Cate No. 2100)	each	24		
x.	Paper holder (Cate No. 1553)	each	4		
xi.	Glass / Fiber self with railing	each	4		
xii.	CP Towel rod	each	4		
xiii.	CP trap jali	each	9		
xiv.	Providing and fixing wall cap	each	32		
xv.	Fixing 8 mm thick mirror with 1" vaveled edges on all sides with necessary fixing arrangements	Sqft.	18		
xvi.	P&F short body bib cock 15mm nominal bore	each	4		
xvii.	P/F CI Nahani Trap of 3" dia	each	12		

S. No.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	Amount (Rs.)
9	ELECTRICAL WORKS				
9.01	Supplying and fixing of following sizes of following sizes of PVC conduit along with accessories in surface / recess including cutting the wall and making good the same in case of recessed conduit as required. 25 mm	RM	200		
9.02	Wiring for circuit/ sub main wiring along with earth wire with the following sizes of PVC insulated copper conductor, single core cable in surface/ recessed PVC conduit as required				
i.	2x2.5+1x2.5mm ² copper conductor	RM	300		
ii.	2x4+1x4 mm ² copper conductor	RM	200		
9.03	Supply & fixing of following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required				
i	5/6 amps switch	each	70		
	3 pin 5/6 amp socket outlet	each	25		
9.04	Supply & Fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required	each	20		
	1 or 2 module (75mm x 75mm)	each	20		
	3 module (100mmx 75mm)	each	20		
	6 module 9200mmx 75mm)	each	10		
	8 module (125mm x 125mm)	each	6		
	12 module (200mmx150mm)	each	2		
9.05	S/F stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. req.	each	9		
9.06	S/F Power plug point modular type accessories : Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 and 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	each	30		
9.07	Supply, Installation, testing, commissioning of water geysers includes supply of necessary fixing material & hardware:- a) 25 liters Crompton make or appd. Quality	each	4		
9.08	Supply, Installation, testing, commissioning of instant water geysers includes supply of necessary fixing material & hardware: - Crompton make or appd. Quality	each	1		

S. No.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	Amount (Rs.)
9.09	Supply, Installation , testing, commissioning of T-5 tube light with complete fitting includes supply of necessary fixing material & hardware:- 28 watts philips or surya make	each	15		
9.10	Supply, Installation, testing, commissioning of light fittings with complete fitting includes supply of necessary fixing material -23 watt with 2-pin CFL of philips/equivalent make	each	25		
9.11	Supply, drawing, testing & commissioning of 2 pair copper telephone wire ISI mark Kalinga Cable or equivalent, with following sizes/nos. of cables in existing conduit as approved by Project in-charge: 2 pair x 0.61mm size copper conductor wire PVC insulated cable.	RM	100		
9.12	Supply, drawing, testing & commissioning of TV Cable ISI mark make & size as approved by Project in-charge TV coaxial wire LCG-21	RM	100		
9.13	Tel. Jack unit RJ-11 with shutter	each	9		
9.14	Co axial TV Socket	each	5		
9.15	CFL Tube Holders	each	25		
9.16	D.P MCB 32 AMP. with M.C.B box	each	6		
9.17	Supply, Installation, testing, commissioning of ceiling fans includes supply of necessary fixing material & hardware: - a) 48" size Crompton make or appd. Equal	each	9		
9.18	300 mm dia exhaust fan of Crompton make	each	6		
9.19	P/F Curtain rod of Vista Soffio II with all fittings and fixtures as required in the site as per of EIC	RM	35		
	Grand Total (inclusive of all taxes excluding service tax as applicable)				