



भारत हैवी इलेक्ट्रिकल्स लिमिटेड

Bharat Heavy Electricals Limited

**Regional Operation Division, Mumbai**

14<sup>th</sup> Floor, World Trade Centre-1, Cuffe Parade, Colaba, Mumbai -400005.

Phone: 022-22171350, Fax: 022- 22151460.

**RE:MUM:HR:RENOVATION:TNKB: 2016**

Date : 03.01.2017

To

M/s \_\_\_\_\_  
\_\_\_\_\_

Dear Sirs/Madams,

Sub: Tender for carrying out Repairing, Painting, Carpentry, Electrical & Structural work at Khetan Bhawan Guest House, Churchgate, Mumbai & Tilak Nagar township, Chembur Mumbai

BHEL invites e-bid tenders in two bid system from established contractors for carrying out Repairing, Painting, Carpentry, Electrical & Structural work at Khetan Bhawan Guest House, Churchgate, Mumbai & Tilak Nagar township, Chembur Mumbai.

In line with the terms and conditions placed in the tender specification.

The tender comprises of :

SL No	Description	Section No.
01	General Information	
02	Scope of Work	SECTION - I
03	Instruction to bidders	SECTION - II
04	Special Conditions	SECTION -III
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The bidders are advised to submit their most competitive offers complete in all respect and without any deviation. The offers shall remain valid for 30 days for acceptance from the due date of tender. The technical offer should comply with the all tender requirement. The offers with any deviation will be rejected and the financial offer of the bidder will not be opened.

The tender will be conducted and evaluated online through e-Procurement System. The bidder shall submit his response through bid submission to the tender on e-Procurement platform at <https://bheleps.buyjunction.in> only as no other forms of submission of offer or hard copy is accepted. BHEL reserves the right to conduct the Reverse auction. Bidders are requested to quote their most competitive prices in through the online e-procurement portal / system.

**In case of any difficulty in operating the E-Tendering System, please contact our developer's Help Desk m-Junction Services Ltd. at 033-66011717, 08584008205, 09163348104, 09840704941 Please ensure the submission of your most competitive offer before the due date in the E-Tendering Portal to avoid last minute hustle.**

Bidders must submit their bids in the E-procurement Portal by **15 :00 hrs, 25.01.2017. THE EMD'S SHOULD SUBMITTED ONLINE latest by 15.00 Hrs. on or before the date of Tender submission date AND SHOULD NOT BE PUT IN THE TENDER BOX.** The offers without EMD will not be considered for evaluation in the E-Tendering system. Successful bidder shall be responsible for completion of the contract in all respect. Techno commercial offers shall be opened through the E-Procurement portal on 25.01.2017 at 15.30 Hrs. If Reverse Auction is conducted for this tender, detail of vendors will be provided separately.

Thanking you,

Yours faithfully  
For BHARAT HEAVY ELECTRICALS LIMITED

-SD-  
Addl. General Manager – C & HR

**BHARAT HEAVY ELECTRICALS LIMITED  
15th FLOOR, CENTRE – I  
WORLD TRADE CENTRE  
CUFFE PARADE  
MUMBAI – 400 005**

**Tender for carrying out Repairing, Painting,  
Carpentry, Electrical & Structural work at  
Khetan Bhawan Guest House, Churchgate,  
Mumbai & Tilak Nagar township, Chembur  
Mumbai**

**TENDER SUBMISSION DATE: 25.01.2016 (3.00 PM)**

**TENDER OPENING DATE: 25.01.2016 (3.30 PM)**

**BHEL: ROD: MUMBAI  
NOTICE INVITING TENDER**

**Instruction for Participation in the Tender through eProcurement**

The process of utilizing e-procurement necessitates usage of DSC (Digital Signature Certificate) (Class – III, SHA 2, 2048 BIT – Signing and Encryption) and vendors are requested to procure the same immediately if not available with them. Please note that only with DSC of above mentioned specification, the interested bidder will be able to login the e-procurement secured site and take part in the tendering process.

The contact details of the DSC Certifying authorities are given below

Sr. No.	CA	Website Address
1	e-Mudhra	<a href="http://www.e-mudhra.com">http://www.e-mudhra.com</a>
2	GNFC	<a href="http://www.ncodesolutions.com">http://www.ncodesolutions.com</a>
3	IDRBT	<a href="http://www.idrbtca.org.in">http://www.idrbtca.org.in</a>
4	MTNL Trustline	<a href="http://www.mtnltrustline.com">http://www.mtnltrustline.com</a>
5	Nic	<a href="http://www.nic.in">http://www.nic.in</a>
6	Safescrypt	<a href="http://www.safescrypt.com">http://www.safescrypt.com</a>
7	TCS	<a href="http://www.tcs-ca.tcs.co.in">http://www.tcs-ca.tcs.co.in</a>

Registered vendors of BHEL, ROD Mumbai may participate in the tender directly on BHEL, ROD Mumbai e-Procurement portal at address <https://bheleps.buyjunction.in>.

The new vendors who are not registered with BHEL, ROD Mumbai and are interested to participate in the tender will have to register and map their respective Digital Signature Certificate with specification Class-III, SHA-2, 2048 bit Signing and Encryption at BHEL e-Procurement website: <https://bheleps.buyjunction.in> . For registration assistance, users may please contact Mjunction Helpdesk @ 033-66011717, 08584008205, 09163348104, 09840704941 between 9.30 am till 5.30 pm.

The Bidder should ensure the qualification criteria set in the Technical Bid – Annexure I before submission of the bid:

Tender no. : RE: MUM: HR: RENOVATION::TNKB:2016

Name of Work : Tender for carrying out Repairing, Painting, Carpentry, Electrical & Structural work at Khetan Bhawan Guest House, Churchgate, Mumbai & Tilak Nagar township, Chembur Mumbai

Period of Contract : The work should be completed within 45 days from the date of receipt of work order

Cost of the Tender : Nil

Earnest Money Deposit : Rs. 30000/-

#### Tender Submission

Last Date of Tender Submission : 25.01.2017 (3.00 PM)

Opening Date & Time : 25.01.2017 (3.30 PM)

Contact Person Details : Shri Ajit Kumar Sinha,  
Addl. General Manager (C & HR)  
Tel. No. 22171210/211

## **TENDER UPLOAD INFORMATION**

**Unit** : **BHEL ROD Mumbai Unit**

**Address** : Bharat Heavy Electricals Limited,  
14th / 15th Floor, World Trade Centre - 1,  
Cuffe Parade, Colaba, Mumbai:- 400 005

**E-Mail** : **ajit.sinha@bhel.in**

**Telephone** : Code :022 Number: 22 171 210/211

**Fax** : Code :022 Number: 2215 1460

**Approved by** : Name: Sh. Ajit Kumar Sinha  
Desg. : Addl.General Manager

**Contact Person** : Shri. Ajit Kumar Sinha  
Shri. Pavan Katakdhound

**Tender Reference No.** : RE: MUM: HR: RENOVATION::TNKB:2016

**Published on** : --

**Published in Newspaper** : ---

**Tender Title** : Tender for carrying out Repairing,  
Painting, Carpentry, Electrical &  
Structural work at Khetan Bhawan  
Guest House, Churchgate, Mumbai &  
Tilak Nagar township, Chembur Mumbai

**Tender Type** : Work Contract

**Brief Work Description** : Renovation Work

**Tender Value** : **Nil**

**EMD Value** : **Rs. 30000/-**

**Document Cost** : **Nil**

**Date of Issue of Notification** : 04.01.2017

**Last date of Submission of Completed Tender** : **25.01.2017 (03.00 PM)**

**Date of Opening of Bids** : **25.01.2017 (03.30 PM)**

**GENERAL INFORMATION OF THE BIDDER**

Name of the Bidder :

Address of the Bidder :

E-Mail :

Telephone No :

Fax No. :

Contact Person :

Nature of Firm :

PAN NO. (with self certified copy) :

Service Tax Registration No. :

(With self certified copy)

Structure of the party (tick mark as applicable) : Proprietorship /  
(Copy of relevant document to be enclosed) Partnership /  
Private Limited

Dear Sir,

**Sub: Tender for carrying out Repairing, Painting, Carpentry, Electrical & Structural work at Khetan Bhawan Guest House, Churchgate, Mumbai & Tilak Nagar township, Chembur Mumbai**

Sealed quotation in two bids (Techno-Commercial Bid – Part ‘A’ and Price Bid – Part ‘B’) is invited for “Tender for carrying out Repairing, Painting, Carpentry, Electrical & Structural work at Khetan Bhawan Guest House & Tilak Nagar township, Chembur Mumbai”

**A. Scope of Work: -**

Work to be carried out at Tilak Nagar Township

<b>DETAILS OF WORK TO BE DONE IN A. TILAK NAGAR AND B.KHETAN BHAWAN</b>			
<b>A. TILAK NAGAR</b>			
<b>SL NO</b>	<b>DESCRIPTION OF ITEMS</b>	<b>QTY</b>	<b>UNIT</b>
1	Providing and laying Vitrified tiles in floors with different sizes (Standard Thickness), with water absorption less than 0.08% and conforming to IS:15622, of Kajeria or equivalent brand in colour & shade as approved by BHEL, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness, including grouting of joints. Note: Skid resistant tiles to be provided. Size of Tile 600 x 600 mm	22.00	Sqm
2	Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling/grouting and finishing complete as per direction of BHEL. Note: Size of Tiles is 600 x 600 mm	22.00	Sqm
3	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS:15622 (Standard Thickness) of Kajaria or equivalent brand in colour & shade as approved by BHEL in skirting, risere of steps and dados over 12 mm thick bed of Cement Mortar 1:3 (1 Cement :3 Coarse sand) and jointing with grey cement surry @ 3.3kg per Sqm including pointing	40.00	Sqm

	in white cement mixed with pigment of matching shade complete. Note: <b>Bathroom &amp; Toilets</b>		
4	Fixing glazed/ ceramic/ vitrified floor tiles with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477 , using 5 kg adhesive per Sqm of tile area, in average 3 mm thickness. Note- Hall, Kitchen, Passage	40.00	Sqm
5	Providing and laying Ceramic glazed floor tiles 300 x 300mm (Standard Thickness) of 1st quality conforming to IS : 15622 of Kajaria or equivalent brand, Laid on 20 mm thick cement mortar 1:4 (1cement : 4 coarse sand) including pointing the joints with white cement and matching pigment etc., complete. <b>Note :-Anti skid tiles ( Bathroom &amp; Toilet)</b>	4.00	Sqm
6	Providing and fixing 18 mm thick gang saw cut mirror polished (premoulded and prepolished granite) machine cut for <b>kitchen platforms, vanity counters, window sills, facias and similar locations</b> of required size of Kajaria or equivalent brand. Shade, colour and texture will be as per BHEL approval, 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. Note- Granite of any colour and shade, Area of slab over 0.50 sq meter	7.00	Sqm
7	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc. including machine polishing to edge to give high gloss finish etc., complete as per requirement of BHEL. Note- Granite Work, Doors & Windows Contours	3.00	Metre
8	Providing opening of required size & shape for wash basins/kitchen sink in kitchen platform, vanity counters and similar location in marble/Granite /stone work including necessary holes for pillar taps etc. including rubbing and polishing of cut edges etc. complete.	1.00	each
9	Providing and fixing factory made P.V.C. door frame of size 50 x 47mm with a wall thickness of 5 mm, made out of extruded 5 mm rigid PVC foam sheet, mitred at corners and joined with 2 Nos. of 150 mm long brackets of 15 x 15 mm M .S. square tube, the vertical door frame profiles to be reinforced with 19 x 19 mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65 / 100 mm size, complete as per manufacturers specification and direction of BHEL. Note- For Aluminium Door Frames	10.00	One Running Metre
10	Providing and fixing factory made panel PVC door shutter	4.00	Sqm

	<p>consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for styles and 15x15mm for top &amp; bottom rails.</p> <p>M.S. frame shall have a coat of steel primers of approved make and manufacture . M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30mm thickness, 70mmwidth out of which 50 mm shall be flat and 20mm shall be tapered in 45 degree angle on both side forming styles; and 5 mm thick, 95mm wide PVC sheet out of which 75 mm shall be flat and 20mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115mm wide PVC sheet out of which 75mm shall be flat and 20mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel.10 mm (5mm x 2 ) thick, 20mm wide cross PVC sheet be provided as gap insert for top rail &amp; bottom rail. panelling of 5mm thick both side PVC sheet to be fitted in the M.S. frame welded/ sealed to the styles &amp; rails with 7mm(5mm+2mm) thick x 15mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive.</p> <p>An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per direction of BHEL.</p> <p>Note- Door Specification</p>		
11	30 mm thick plain PVC door shutters.	4.00	Sqm
12	12 mm cement plaster of mix : , 1:4 (1 cement: 4 fine sand)	10.00	Sqm
13	Providing and applying plaster of Paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.Note- For Painting of All surfaces	110.0 0	Sqm
14	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : Water thinnable cement primer.	110.0 0	Sqm
15	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade New work (two or more coats) over and including water thinnable priming coat with cement primer.	110.0 0	Sqm
16	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.	1.00	lump sum
17	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chokhats, architrave, holdfasts, etc. complete and stacking within 50 metres lead: a) Of area 3 Sqm and below.	2.00	each
18	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead: For thickness of tiles 10 mm to 25 mm.	4.00	Sqm

19	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 510 mm bowl depth 200 mm.	1.00	each
20	Providing and fixing 600x450 mm bevelled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	1.00	each
21	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS : 733 and IS : 1285, fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing/panelling, C.P. brass/stainless steel screws, all complete as per architectural drawings and the directions of BHEL. For fixed portion. Note- Powder coated aluminium (minimum thickness of powder coating 50 micron)	10.00	kg
22	Glazing and panelling Charges		
23	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber/neoprene gasket required Powder coated aluminium (minimum thickness of powder coating 50 micron)	10.00	Kg
24	Glazing and panelling Charges		
25	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer-in-charge. With float glass panes of 5.50 mm thickness (Cement to be issued free of cost by BHEL)	5.00	Sqm
26	Cost of aluminium snap beading		
27	Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portions of W.C., kitchen and the like consisting of :i) Ist course of applying cement slurry @ 4.4 Kg/Sqm mixed with water proofing compound conforming to IS 2645 in recommended proportions including rounding off junction of vertical and horizontal surface. ii) IInd course of 20mm cement plaster 1:3 (1 cement : 3 coarse sand)mixed with water proofing compound in recommended proportion including rounding off junction	4.00	Sqm

	of vertical and horizontal surface.iii) IIIrd course of applying blown or residual bitumen applied hot at 1.7Kg. per Sqm of area. iv) IVth course of 400 micron thick PVC sheet. (Overlaps at joints of PVC sheet should be 100 mm wide and pasted to each other with bitumen @ 1.7 Kg/Sqm.)		
	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 etc.		
28	15 mm nominal outer dia .Pipes.	10.00	metre
29	20 mm nominal outer dia .Pipes.	10.00	metre
30	25 mm nominal outer dia .Pipes.	10.00	metre
	Carriage of material up to 1 km lead by Mechanical transport including, loading, unloading & stacking -		
31	a) Lime, Moorum, Building rubbish	2.00	Lump sum
32	c) Steel	0.20	tonne
33	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade Two or more coats on new work.	40.00	Sqm
34	Steel work in built up tubular ( round, square or rectangular hollow tubes etc.) trusses etc. including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished seamless type tubes.	100.00	Kg
35	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, 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 Angular Cock (Make:-Jaguar FLR 5053N or Plumber Square range CRS-2105 or Hind ware F280004), Pedestal type WC seat (Make:- Jaguar Cat no. CNS-WHT-WH10P/WH10 or Hind ware cat no. 20065 or Parry ware C0215);Flushing Cistern (Make Jaguar CNS-WHT-CS01 or Hind ware cat no 21045 or Parry ware C0755 + C2065);Flush Fitting (Make:- Jaguar CNS-WHT-WCF1 or Hind ware cat no 20065 or Parry ware C8149); Seat Cover (Make:-Jaguar CNS-WHT-WCN1 or Hind ware cat no 20065or Parry ware cat no C8094)	1.00	No

36	Providing and fixing 15 mm nominal bore C. P. Brass <b>BIB COCK</b> (approved make JAQUAR cat no. 5047N or Plumber Chorus range Cat no. CRS-2103 or Hind ware cat no F-140002) including cutting and making good of walls where ever required.	1.00	No
37	Providing and fixing 15 mm nominal bore C. P. Brass <b>LONG BODY BIB COCK</b> (approved make JAQUAR cat no. CON-107KN or Plumber Chorus range Cat no. CRS-2103 Or Hind ware cat no F-110002) including cutting and making good of walls where ever required.	1.00	No
38	Providing and fixing 15 mm C. P. Brass <b>CONCEALED STOP COCK</b> (approved make JAQUAR cat no. 5083NK with ALD083 or Plumber Chorus range Cat no. CRS-2106 or Hind ware cat no F-170005) including cutting and making good of walls where ever required.	1.00	No
39	Providing and fixing 15 mm nominal bore C. P. Brass <b>ANGULAR STOP COCK</b> (approved make JAQUAR cat no. 5053N or Plumber Chorus range Cat no. CRS-2105 or Hind ware cat no F-28004) including cutting and making good of walls where ever required.	1.00	No
40	Providing and fixing 15 mm nominal bore round shaped single flow ABS body Chrome plated (gray face plate) OVER HEAD SHOWER including shower arm (approved make of over head shower JAQUAR cat no. OSH-1999 or Plumber Square range Cat no. ITP-2310 including 190mm long C. P. Brass SHOWER ARM make JAQUAR cat no. SHA-483 or Plumber Square Range ARM-R012).	1.00	No
41	Providing and fixing WALL MIXER with provision for over head shower with 155mm long bend pipe on upper side, connecting legs and wall flange (approved make JAQUAR cat no. FLR-5273UPR or Plumber Chorus range Cat no. CRS-3000 or Hind ware cat no F110018) including cutting and making good of walls where ever required.	1.00	No
42	Providing and fixing aluminium/ABS body <b>SOAP DISPENSER</b> with metallic bottle (approved make JAQUAR cat no. ACN-1137N or Plumber Square range Cat no. SQ7005).	1.00	No
43	Providing and fixing C. P. brass wall mounted <b>Robe hook</b> with C. P. brass screws (approved make of C. P. brass wall mounted robe hook shall be JAQUAR cat no. ACN-CHR-1191N or Plumber Square range Cat no. SQ-7001 or Hind ware cat no F880004.) including cutting and making good of walls where ever required.	1.00	No
44	Providing and fixing C. P. brass wall mounted Toilet paper holder with C. P. brass screws (approved make toilet paper holder JAQUAR cat no. ACN-1153N or Plumber Square range Cat no SQ-7008 or Hind ware cat no F-840009)	1.00	No

45	Providing & Fixing CP Brass wall mounted Tumbler holder with CP Brass Screws(approved make of tumbler holder JAQUAR cat no. ACN-CHR-1141N or Plumber Square range Cat no. SQ-7066 or Hind ware cat no F-880001) with concealed fitting arrangements including cutting & making good of walls where ever required as Direction of Engineer-in-Charge Complete.	1.00	No
46	Providing and fixing C. P. brass wall mounted <b>Towel ring</b> with C. P. brass screws (approved make of towel ring JAQUAR cat no. ACN-1121N or Plumber Square range Cat no. ER-0912 or Hind ware cat no F-880007).	1.00	No
47	Providing and fixing Wall Mounted 600 mm long <b>Towel Rack</b> fixed with C.P. Brass screws, , rawl plugs etc., complete. (approved make of Wall Mounted Towel Rack JAQUAR cat no. ACN-1181N or Plumber Square range Cat no. SQ-7524 or Hind ware cat no F-880008 )	1.00	No
48	Providing and fixing 600 mm C. P. brass wall mounted Towel Rail with C. P. brass screws (approved make of Towel Rail JAQUAR cat no. ACN-CHR-1111NM or Plumber Square range Cat no. SQ-7024 or Hind ware Cat No 840013) including cutting and making good of walls where ever required.	1.00	No
49	Providing and fixing Corner Mounted Glass shelf complete fixed with C.P. Brass screws, , rawl plugs etc., complete. (approved make of Glass Shelf JAQUAR cat no. ACN-CHR-1173 or Plumber cat. No U-0921)	1.00	No
50	Providing & Fixing CP Brass Wall Mounted Soap Dish Holder with CP Brass Screws (Make of Soap Dish Holder JAQUAR cat no. ACN-1131 or Plumber Square range Cat no. SQ-7003 or Hind ware Cat No F880011) with concealed fitting arrangements including cutting & making good of walls where ever required as per Direction of Engineer-in-Charge Complete.	1.00	No
51	Crack Filling & Plaster in All Flats	1.00	Lump sum
52	Window strengthening : Support of metal structure in window to avoid bending and cracking of granite		
53	Jharoka Replacement : Side support before removal of old Jharoka, Fitting of New Jharoka (Cement), Plastering, Painting	15.00	Sqm
	<b>Electrical Rewiring of the Flats which includes Complete Rewiring of the Flat as with points mentioned as under:</b>		
54	Supply & Installation of New Wiring Point for Flat - 1.5 sqmm wire(Polycab Make) , PVC Box, Ceiling rose and 1" / 3/4" PVC Casing Caping with switch and Accessories (Make- Anchor / Roma)	12	No
55	Supply & Installation of 5 AMPS Socket point wiring 2.5 sqmm wire 2 + 1.5 Earthing wire- 1 and PVC Casing caping (Anchor/ Roma Make) Switch & Socket on Box	9	No

56	Supply & Installation of of Fan Regulator -Roma	2	No
57	Supply & Installation of 15 AMPS Switch Socket with Box and 2.5 wire 2 Nos. 1.5 wire Earthing -1 No. PVC CC , Polycab Wire	5	No
58	Supply & Installation of AC Point 4 sqmm wire -2 Nos. 2.5 sqmm Earthing wire and 20 APMS Matel socket , Top and 20 AMPS Single Pole MCB Point	1	No
59	Supply & Installation of Single Phase 8 Way D.B. Box and 6 Nos. Single Pole MCB -1 No. (Make Ligrand, LT)	1	No
60	Supply & Installation of 2 Pole ELCB (Make- LT, Legrand )	1	No
61	Supply & Installation of New Wiring Point for Flat - 1.5 sqmm wire(Polycab Make) , PVC Box, Ceiling rose and 1" / 3/4" PVC Casing Capingwith switch and Accessories (Make-Anchor / Roma)	12	No
62	Supply & Installation of 5 AMPS Socket point wiring 2.5 sq mm wire 2 + 1.5 Earthing wire- 1 and PVC Casing caping (Anchor/ Roma Make) Switch & Socket on Box	9	No
63	Supply & Installation of of Fan Regulator -Roma	2	No
64	Supply & Installation of 15 AMPS Switch Socket with Box and 2.5 wire 2 Nos. 1.5 wire Earthing -1 No. PVC CC , Polycab Wire	5	No

**B . Khetan Bhawan**

<b>SL NO</b>	<b>DESCRIPTION OF ITEMS</b>	<b>QTY</b>	<b>UNIT</b>
1	Repairs to plaster of thickness 12 mm to 20 mm in 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 the walls complete, including disposal of rubbish to the dumping ground within 50 metres lead : With cement mortar 1:4 (1cement: 4 coarse sand)	40	Sqm
2	Providing and fixing machine moulded aluminium covering of approved pattern & design, made out of machine cut aluminium sheet and machine holed for receiving dash fastener, over expansion joints on vertical surfaces/ceiling floors, the fixing on plate in one row on one side of joint only shall be done with stainless steel dash fasteners of 8 mm dia and 75 mm long bolt including providing aluminium washers 2 mm thick & 15 mm dia , at a staggered pitch of 200 mm centre to centre including drilling holes in the receiving surface and providing expandable plastic sleeves in holes etc. complete as per drawing and direction of BHEL. Anodised aluminium sheet 2.5mm thick (anodised transparent or dyed to required shade according to IS:1868, Minimum anodic coating of grade AC 15)	40	Sqm
3	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / panelling, C.P. brass/ stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. :For fixed portion Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	50	Sqm
4	Glazing, panelling and dash fasteners Charges		
5	Providing and fixing 18mm 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, approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement : 4 coarse sand) joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high	40	Sqm

	gloss finish etc. complete at all levels. Granite of any colour and shade Area of slab up to 0.50 Sqm		
6	Providing edge moulding to 18mm thick marble stone counters, Vanities etc. including machine polishing to edge to give high gloss finish etc. complete as per design approved by BHEL. Granite work. Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 10 mm to 25 mm	4	meter
7	Aluminium Window Repair and refixing	50	Sqm
8	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.	500	Sqm
9	Wall painting with premium acrylic emulsion paint of interior grade, 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. Note- Two coats	900	Sqm
10	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. Asian Paint Acrylic Wall Putty	900	Sqm
11	Painting with synthetic enamel paint, having VOC (Volatile Organic Compound) content less than 150 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour. Note- Two coats.	100	Sqm
12	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.	100	Sqm
13	Painting with synthetic enamel paint, having VOC (Volatile Organic Compound) content less than 150 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour. Two coats.	100	Sqm
14	Wallpaper	20	Sqm
15	Carriage of Debris	1	Trips

**B. Qualification criteria: (Offer without following documents will not be considered)**

The bidder

1. Should furnish reference of at least two companies where similar work has been carried out by the bidder in past two years, with satisfactory completion certificate
2. The average annual turnover for the last three years to be not less than Rs. 4.5 Lakh ( proof of IT return to be submitted)
3. Should be holding :  
Registration certificate under Bombay Shops & Establishment Acts, PAN NO., Service Tax Registration No (documentary proof to be attached).

**C. Evaluation Criteria :**

1. Party who is over all L1 will be awarded the contract (Total of A + B)
2. BHEL reserves right to negotiate with the L1 party

Interested parties are requested to inspect the Flat before submission of quotations on any working day i.e. Monday to Friday between 1000 hrs. to 1700 hrs. (With permission)

**D. Security Deposit:**

Successful bidder has to deposit security deposit at the rate of 5% of the contract value, before start of the work. Security deposit may be furnished in any of the following forms:

- i) Cash (as permissible under the extant Income Tax Act)
- ii) Local cheques of Scheduled Banks (subject to realization)/ Pay Order/ Demand Draft/ Electronic Fund Transfer in favour of BHEL
- iii) Bank Guarantee from Scheduled Banks/ Public Financial Institutions as defined in the Companies Act. The Bank Guarantee format should have the approval of BHEL
- iv) Fixed Deposit Receipt 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)
- v) Securities available from Indian Post offices such as National Savings Certificates, Kisan Vikas Patras etc. (held in the name of Contractor furnishing the security and duly endorsed/ hypothecated/ pledged, as applicable, in favour of BHEL)

Note: 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)

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.

The security deposit shall not carry any interest

(Note: Acceptance of Security Deposit against Sl. No. (d) and (e) 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 therewith). Securities / BG's shall be released after one (1) year of successful execution, completion of the contract and upon fulfillment of contractual obligations as per terms of the contract

**E. Terms and conditions:**

**1) Payment Terms: -**

The above measurement is approximate only.

90% payment on the satisfactory completion of work and balance 10% payment after completion of work, on the basis of actual (with representative of BHEL) measurement, shall be made on completion of entire work through RTGS within 15 days on receipt of your bill duly accompanied by satisfactory completion work certificate from BHEL representative.

**2) The Bidder will submit offer in Two bid :**

**I. Techno-commercial Bid – Part ‘A’ - Acceptance of the terms and conditions of the tender.**

- i. Should furnish reference of at least two companies where similar work has been carried out by the bidder in past two years, with satisfactory completion certificate
- ii. The average annual turnover for the last three years to be not less than Rs. 4.5 Lakh (Proof of IT return to be submitted)
- iii. Should be holding : Registration Certificate under Bombay Shops & Establishment Acts, PAN No., Service Tax Registration No (Documentary proof to be attached).

- iv. Copy of Technical bid duly signed.
  - v. The tenderer shall also submit the letter of compliance on their letter head, duly signed and enclosed with technical bid (format enclosed)
- II. **Price Bid – Part ‘B’** Price to be quoted per sq. ft./no./lump sum only (which includes duties, taxes, other Govt. levies etc.) only. Rate to include labour and material as per Brand specified.
- 3) All waste material should be removed (destroyed), complete cleaning and re-arrangement of furniture should be done by the successful bidder.
  - 4) Price bids of those bidders who Technically qualify, will only be opened.
  - 5) A copy of blank price bid duly signed by the contractor for acceptance, to be furnished along with Technical Bid.
  - 6) All waste material should be removed (destroyed), complete cleaning and re-arrangement of furniture should be done by the successful bidder.
  - 7) The work should be completed within 45 days from the date of receipt of work order.
- 8) **General Terms & Conditions:**
- I. The following terms shall have the meaning hereby assigned to them except where the context requires otherwise:-
  - II. “COMPANY” OR “BHEL” (or B.H.E. Ltd.) shall mean Bharat Heavy Electricals Limited, a Company registered under Indian Companies Act 1956, with its Registered Office at BHEL House, Siri Fort, New Delhi-110 049, India or its Authorised Officers or its Engineer or other Employees authorised to deal with this contract.
  - III. “BIDDER” shall mean the Party bidding for the Tender.
  - IV. “CONTRACTOR” or “ MTO” shall mean the individual, Partnership firms or Private / Public Limited Co. or any legal entity who enters into Contract with BHEL and shall include their executors, administrators, successors and assigns. “CONTRACTOR” shall also

mean "CONTRACTOR", "CONTRACTOR" "CARRIER"  
"TRANSPORTER" or "MTO" where the context so requires.

- V. "CONTRACT" or "CONTRACT DOCUMENT" shall mean and include the agreement, the Work order/LOI , the accepted appendices of rates, Schedules of Quantities (if any), General Terms and Conditions of Contract, Special Conditions of Contract, Instructions to Bidder, the drawings, the Technical Specifications and the Special Specifications (if any).
- VI. Any conditions or terms stipulated by the bidder in the tender documents or subsequent letters shall not form part of the Contract unless specifically accepted in writing by BHEL and incorporated in the Agreement.
- VII. "TENDER SPECIFICATIONS" shall mean the Scope of Work, Special Instructions / Conditions, Technical specifications/requirement , Appendices, Site Information and drawings pertaining to the work and any other relevant reference in the Tender Document for which the Bidder are required to submit their offer.
- VIII. "APPROVED" "DIRECTED" or "INSTRUCTED" shall mean approved, directed or instructed by BHEL.
- IX. "SINGULAR AND PLURAL" etc. words carrying singular number shall also include plural and vice versa, where the context so requires. Words imparting masculine gender shall be taken to include the feminine gender and words imparting persons shall include any Company or Association or Body or Individuals, whether incorporated or not.
- X. "VALIDITY OF THE CONTRACT" The contract will remain valid till the date specified in the contract after considering time extension(s), if any granted by the Company to the contractor. Where validity date is not specified, the contract will remain valid till all the activities specified therein are completed in all respects to the satisfaction of BHEL or where the Company has decided to modify (increase/reduce) the scope of work, on completion of such modified scope of work to the complete satisfaction of BHEL.
- XI. "COMPLETION OF THE CONTRACT" The contract will be treated as complete on full and final settlement by BHEL of all Bills / invoices raised under the contract by the Contractor with no claim on either side.

## **9) Commencement of Work:**

The Contractor shall commence the work on specific intimation from BHEL in writing or the time indicated in the LOI and shall proceed with the same with due expedition without delay. If the Contractor fails to commence the work as per

the terms of Order/Contract, BHEL, at its sole discretion will have the right to cancel the Order/Contract. His Earnest Money and/or Security Deposit will stand forfeited without prejudice to any and all of BHEL's other rights and remedies in this regard.

- 10) BHEL reserves the right **to reject any quotation** without assigning any reasons thereof.
- 11) **Penalty @ 5% per week** of the contract value pro rata will be levied, if there is **delay** beyond the schedule completion period, subject to a maximum of 20%.
- 12) **Defect Liability:** Contractor shall be responsible to make good and remedy any defect in work noticed before expiry of one year from date of successful completion of work failing which the security deposit shall be forfeited
- 13) **Sub contract not allowed**
- 14) **BHEL** reserves the right to terminate the contract by giving 2 days notice in writing in case the services are not found satisfactory and forfeit the security deposit
- 15) The party shall indemnify BHEL for all the losses / damages occurred during the operation of the contract.
- 16) **Arbitration:**

I. In the event of any dispute or difference arising out of the execution of the Order/Contract or the respective rights and liabilities of the parties or in relation to interpretation of any provision between BHEL & Service Provider in any manner touching upon the Order/Contract, such dispute or difference shall (except as to any matters, the decision of which is specifically provided for therein) be referred to the arbitration of the person appointed by the competent authority of BHEL.

Subject as aforesaid, the provisions of Arbitration and Conciliation Act, 1996 (India) or statutory modifications or re-enactments thereof and the rules made there under and for the time being in force shall apply to the arbitration proceedings under this clause. The venue of arbitration shall be at New Delhi.

II. In case of order/contract on Public Sector Enterprises (PSE) or a Govt. Dept., the following clause shall be applicable:-

In the event of any dispute or difference relating to the interpretation and application of the provisions of the Order/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 a further reference for setting aside or revision of the award to the Law secretary, Deptt. of Legal Affairs, Ministry of Law & 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. The parties in the dispute will bear equally the cost of arbitration as intimated by the arbitrator.

If any time, any questions, disputes or differences what so ever arising out of or in any way concerning the contract between BHEL and the Contractors, the same shall be referred to the sole arbitrator i.e. General Manager, BHEL, ROD, Mumbai or nominee appointed by him in writing.. The award of the arbitrator shall be final and binding on both the parties.

**17) Offer Validity:** 30 days from date of Tender opening.

**18) Statutory Levies:**

The contractor will pay all statutory liabilities of the workers and employees engaged by him and ensure that they are paid minimum wages as notified by the State Government from time to time and all other statutory laws shall be complied by the contractor.

**19) Workmen Compensation:**

It is the sole responsibility of the contractor to insure his staff engaged in the BHEL Flats under Workmen Compensation Insurance Act against any unfortunate incidences/ accidents while on duty.

**20) Risk Purchase / Penalty:**

BHEL reserves to itself the following rights in respect of this Contract without entitling the Contractor for any compensation.

- I. If at any time during the validity of the contract, the contractor fails to render all or any of the services required under the scope of work of the contract satisfactorily in the opinion of BHEL, whose decision shall be final and binding on the contractor, BHEL reserves the right to get the work done by other parties or departmentally at the risk and cost of the contractor and also forfeit the security deposit

- II. To recover any moneys due from the Contractor, from any money due to the Contractor under this or any other contract or from the Security Deposit.
- III. To claim compensation for losses sustained including BHEL's supervision charges & overheads in case of termination of Contract.

**21) Cancellation of Contract:**

BHEL shall have the right to cancel the contract for unsatisfactory performance i.e. repeated failure for arranging trailers/vessels and delivery of the cargo within transit time. BHEL shall have the right to forfeit the security for poor performance of CONTRACTOR leading to cancellation of contract.

If the CONTRACTOR fails or neglects or refuses to observe / perform any of the terms and conditions / obligation of or under the contract BHEL may without prejudice to any other rights terminate the contract by giving one month's notice in writing and recover from the Contractor any damage suffered by on account of the failure, negligence, refusal, violation or breach of contract or any part thereof including the amount by which the cost of completion of the work done by any other agency shall exceed the amount payable to the CONTRACTOR under the contract.

BHEL reserves the right to either short close the contract or terminate the contract at its discretion without assigning any reason by giving one month's notice by registered post acknowledgement due or in person under delivery.

- 22) Timing for the Work:** We shall prefer to get the job during office hours from 9.00 to 17.30 on all working days.
- 23) Assistance in shifting** the furniture and the other items, cleaning windows / glass panels, and re-arrangements shall be provided by the Contractor. The Debris should be removed and complete cleaning shall be the sole responsibility of the contractor.
- 24) TDS/WCT** as applicable will be deducted at source from your bill.
- 25)** The offers of the bidders who are under suspension as also the offers of the bidders, who engage the services of the banned firms, shall be rejected. The list of banned firms is available on BHEL web site **www.bhel.com**.
- 26)** Bidders must go through Guidelines for suspension of business dealings/Reverse Auction. Guidelines for suspension of business dealings/Reverse auction with suppliers/contractors are available on website **www.bhel.com** on “**supplier registration page**”.

**27) Observance of Local Laws:**

- I. The Contractor shall comply with all Laws, Statutory Rules, Regulations etc. The Contractor shall obtain all necessary permits/approval from the local Governing Body, Police and other concerned Authorities as may be required under law.
- II. The Contractor shall pay all taxes, fees, license charges, deposits, duties, tolls, royalty, commissions or other charges that may be Leviable on account of any of the operations connected with the execution of this contract.
- III. The Contractor shall be responsible for the proper behavior and observance of all regulations by the staff employed.

**28) Insurance:**

- I. The Contractor shall during the performance of the contract take a suitable insurance to cover against bodily injury, death or damage to property of the Contractor or his employees.
- II. The Contractor shall during the performance of the contract take out a Third Party insurance cover against bodily injury or death suffered by any third party/parties or damage to property occurring during the course of execution of this contract in accordance with appropriate statutory requirements.
- III. If due to Contractor's carelessness, negligence, non-observance of safety precautions, improper security arrangements or due to non-compliance of paper work needed for lodging insurance claim, damage to BHEL/its Customer's property, and if BHEL is unable to recover its claim from the Insurance Company, the deficit will be recovered from the Contractor.

**29) Laws Governing the Contract:**

- I. The contract shall be governed by the Indian Laws for the time being in force and only courts in Mumbai, India shall have jurisdiction over this contract.

**30) Indemnity:**

- I. The Contractor shall indemnify and keep indemnified BHEL all losses, claims etc. arising out of any of his acts or out of the acts of his Contractors or associates or servants during the currency of the contract.

### **31) Requirements of Performance:**

- I. All permissions/Clearances or any other relevant authorization from competent authority shall be obtained by the Contractor at his own cost. Any contingency arising in this respect shall be the responsibility of the Contractor. Also the Contractor shall be responsible for any mishap and consequences therefore including legal complications, if any.
- II. The contract as entered into between BHEL and the Contractor shall in no way, nullify, reduce, mitigate or absolve the parties of any responsibility, obligation or liability that may devolve upon them under the acts or laws governing such activity.

### **32) Earnest Money Deposit:**

The offers from the bidders shall enclose a EMD as per Techno commercial Bid in any one of the following forms:

- I. Electronic Fund Transfer credited in BHEL account (before tender opening)

Account details of BHEL are as follows:

Name : BHARAT HEAVY ELECTRICALS LTD  
BANK : CITIBANK, FORT BRANCH  
ACCOUNT NO : 0008279012  
IFSC CODE : CITI0100000  
MICR CODE : 400037002

EMD of the Bidder will be forfeited if:

- I. After opening the tender and within the offer validity period, the Bidder 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/ Contract.
- III. If the bidder declines to accept the LOI or is unable to accept the work which has been awarded on the basis of the offer received from the bidder or revokes the offer within the validity period of the offer, the earnest money shall stand forfeited

EMD by the Bidder shall be withheld in case any action on the Bidder 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.

- I. EMD of successful bidder will be adjusted towards part of the security deposit.
- II. EMD of all unsuccessful bidders shall be returned normally within fifteen days of placement of LOI/Work Order on successful bidder.
- III. EMD shall not carry any interest.

**33) Invoices & Payment Terms:**

- I. The Contractor will be required to raise the Invoice for the services rendered. The Invoices will have to be raised according to the explicitly agreed rates and payment terms of the contract.
- II. **In consideration of such services mentioned above rendered by the contractor, BHEL will pay charges and also applicable service tax to the contractor 15 days of submission of clear bills. TDS/WCT as applicable will be deducted at source from the payment .**
- IV. The payments shall be made through RTGS/NEFT. The contractor would be required to submit bank details for receiving the payments.
- V.
- III. Even if the **prices offered are excluding all Taxes & duties**, the contractor will have to produce invoices showing the tax elements separately.
- IV. In case the, TDS is not to be made, the contractor will have to produce the exemption letter from the relevant authorities to this effect along with bill submitted for payment.

**34) Discrepancy In Words & Figures: Quoted In Offer**

- I. If, in the price structure quoted for the required goods/ services/ works, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price by the quantity), the unit price shall prevail and the total price corrected accordingly, unless in the opinion of the purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price corrected accordingly.
- II. If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and

- III. If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail .
- IV. If there is such discrepancy in an offer, the same shall be conveyed to the bidder with target date up to which the bidder has to send his acceptance on the above lines and if the bidder does not agree to the decision of the purchaser, the bid is liable to be ignored

**35) Reverse Auction:**

- I. BHEL reserves the right to go for Reverse Auction (RA) instead of opening the sealed price bid, submitted by the bidder. This will be decided after techno-commercial evaluation. All bidders have give their acceptance for participation in RA. Non acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides to go for RA. In case BHEL decides to go for Reverse Auction, only those bidders who have given their acceptance to participate in RA will be allowed to participate in the Reverse Auction. Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit „online sealed bid in the Reverse Auction. Non-submission of “online sealed bid by the bidder will be considered a tampering of the tender process and will invite action by BHEL as per extant guidelines in vogue.
- II. The procedure for Reverse Auction shall be intimated to such bidders in due course. However, the bidders are advised to quote their most competitive rates in the sealed bid Part. In case we are unable to finalize the order through Reverse Auction for any reason whatsoever, the order would be finalized based on the sealed price bids.
- III. In case of tender being finalized through Reverse Auction, the bidders will have to adhere to the guidelines provided in the Business Rules of Reverse Auction. In case a Techno commercially acceptable vendor does not agree to participate in the Reverse Auction process, the same will be treated as with drawl of the offer and their EMD will be forfeited. **Vendors are also warned against delay in participation and delaying the process of Reverse Auction.**

**IV. Terms and Conditions for Reverse Auction:**

- i. For the proposed reverse auction, technically and commercially acceptable bidders only shall be eligible to participate.
- ii. Those bidders who have given their acceptance for Reverse Auction (quoted against this tender enquiry) will have to necessarily submit “online sealed bid” in the Reverse Auction. Non-submission of “online sealed bid” by the bidder for any of the eligible items for which techno-commercially qualified, will be considered as tampering of the

tender process and will invite action by BHEL as per extant guidelines in vogue.

- iii. BHEL will engage the services of a service provider who will provide all necessary training and assistance before commencement of on line bidding on internet.
- iv. In case of reverse auction, BHEL will inform the bidders the details of Service Provider to enable them to contact & get trained.
- v. Business rules like event date, time, bid decrement, extension etc. also will be communicated through service provider for compliance.
- vi. Bidders have to fax the Compliance form (annexure IV) before start of Reverse auction. Without this, the bidder will not be eligible to participate in the event.
- vii. Reverse auction will be conducted on scheduled date & time.
- viii. At the end of Reverse Auction event, the lowest bidder value will be known on auction portal.
- ix. The lowest bidder has to fax/e-mail the duly signed and filled-in prescribed format for price breakup including that of line items, if required, (Annexure VII) as provided on case-to-case basis to Service provider within two working days of Auction without fail.
- x. In case BHEL decides not to go for Reverse Auction procedure for this tender enquiry, the Price bids and price impacts, if any, already submitted and available with BHEL shall be opened as per BHEL" s standard practice.
- xi. Bidders shall be required to read the "Terms and Conditions" section of the auctions site of Service provider, using the Login IDs and passwords given to them by the service provider before reverse auction event. Bidders should acquaint themselves of the „Business Rules of Reverse Auction" , which will be communicated before the Reverse Auction.
- xii. If the Bidder or any of his representatives are found to be involved in Price manipulation/ cartel formation of any kind, directly or indirectly by communicating with other bidders, action as per extant BHEL guidelines, shall be initiated by BHEL and the results of the RA scrapped/ aborted.
- xiii. The Bidder shall not divulge either his Bids or any other exclusive details of BHEL to any other party.
- xiv. In case BHEL decides to go for reverse auction, the H1 bidder (whose quote is highest in online sealed bid) may not be allowed to participate in further RA process.

**36) Prevention of Corruption:**

- I. Canvassing in any form or any attempt to influence directly or indirectly any official of the company will lead to rejection of the bid & forfeiture of the EMD.
- II. The company shall be entitled to cancel the contract and to recover From the Contractor the amount of any loss resulting from such cancellation, if the Contractor has offered or given any person any gift or consideration of any kind as an inducement or reward for doing or intending to do any action in relation to the obtaining or the execution of the contract or any other contract with the company or for showing or indenting to show favour or disfavour to any person in relation to the contract with the company, if the like acts shall have been done by any persons employed by him or acting on his behalf whether with or without the knowledge of the Contractor in relation to this or any other contract with the company.

**37) Laws Governing the Contract:**

The Order/Contract shall be executed and governed by the laws of India and the courts of India alone shall have jurisdiction in respect of any matter arising under or in connection with the Order/Contract.

**38) Jurisdiction of Court:**

Courts at Mumbai shall have exclusive jurisdiction to decide the dispute, if any, arising out of or in respect of the contract(s) to which these conditions are applicable.

**39) Default/Breach of Contract, Insolvency and Risk Purchase:**

- I. If the Service Provider / Contractor fails to provide the required services as per the Contract / fails to deliver the goods or materials or any instalment thereof within the period(s) fixed for such delivery or delivers goods or materials not of the contracted quality and failing to adhere to the contract specifications or at any time repudiates or otherwise abandons the contract before expiry of such period or refuses or is unable to supply / provide goods / services or materials covered by the Order/Contract either in whole or in part or otherwise fails to perform the Order/Contract or commits any breach of the Order/Contract not herein specifically provided for or in the event of the death or insanity or if the Seller/Contractor being an individual or if a firm on a partnership thereof, shall at any time, be adjudged insolvent or shall have a receiving order for administration of his estate made against him or shall take any proceeding for composition under any Insolvency Act for the time being in force or make any assignment of the Order/Contract or enter into any arrangement or composition with his creditors or suspend payment or if the firm

dissolved under the Partnership Act or if the Seller/Contractor (Service Provider) being a company is wound up voluntarily or by order of a Court or a Receiver, Liquidator or Manager on behalf of the debenture holders and creditors is appointed or circumstances shall have arisen which entitles the Court of debenture holder and creditors to appoint a receiver, liquidator or manager, the purchaser without prejudice to his right to recover any expenses, losses or damages to which the purchaser may be put to incur or sustain by reason of the Seller/Contractor's default or breach of Order/Contract shall be entitled to cancel the Order/Contract either in whole or portion thereof without compensation to the Seller/Contractor (Service Provider) and if the purchaser so desires, he may procure upon such terms and in such manner as he deems appropriate, stores not so delivered or others of a similar description where stores exactly complying with particulars are not, in the opinion of the purchaser, which shall be final, readily procurable, at the risk and cost of the Seller/Contractor (Service Provider) and the Seller/Contractor (Service Provider) shall be liable to the purchaser for any excess costs provided that the Seller/Contractor (Service Provider) shall continue the performance of the Order/Contract to the extent not cancelled under the provisions of this clause. The Seller/Contractor (Service Provider) shall on no account be entitled to any gain on such repurchases.

- II. Cost of the purchases/service made by the Purchaser/Service taker at the risk and cost of the seller/contractor (Service Provider) shall be worked out after levying 30% overheads as departmental charges on the cost of materials / services so purchased/hired.

**40) Integrity commitment, performance of the contract and punitive action thereof:**

**I. Commitment by BHEL:**

BHEL commits to take all measures necessary to prevent corruption in connection with the tender process and execution of the contract. BHEL will during the tender process treat all Bidder(s) in a transparent and fair manner, and with equity.

**II. Commitment by Bidder/ Supplier/ Contractor:**

- i. The bidder/ supplier/ contractor commit to take all measures to prevent corruption and will not directly or indirectly influence any decision or benefit which he is not legally entitled to nor will act or omit in any manner which tantamount to an offence punishable under any provision of the Indian Penal Code, 1860 or any other law in force in India.

- ii. The bidder/ supplier/ contractor will, when presenting his bid, disclose any and all payments he has made, and is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract and shall adhere to relevant guidelines issued from time to time by Govt. of India/ BHEL.
- iii. The bidder/ supplier/ contractor will perform/ execute the contract as per the contract terms & conditions and will not default without any reasonable cause, which causes loss of business/ money/ reputation, to BHEL.

**41)** If any bidder/ supplier/ contractor during pre-tendering / tendering/ post tendering/ award/ execution/ post-execution stage indulges in mal-practices, cheating, bribery, fraud or and other misconduct or formation of cartel so as to influence the bidding process or influence the price or acts or omits in any manner which tantamount to an offence punishable under any provision of the Indian Penal Code, 1860 or any other law in force in India, then, action may be taken against such bidder/ supplier/ contractor as per extant guidelines of the company available on [www. bhel.com](http://www.bhel.com) and/or under applicable legal provisions”.

**42) Safety of men, Equipment, Material & Environment:**

All safety rules, codes applied by BHEL/its customer at site shall be observed by the Contractor and his workmen without exception. The Contractor shall be responsible for the safety of the equipment/materials and work to be performed by him.

Thanking you,

Yours faithfully,  
For Bharat Heavy Electricals Limited

(Pavan Katakdhound)  
Senior Engineer (HR)

## **TECHNICAL BID – ANNEXURE ‘A’**

### ESSENTIAL DETAILS

Name, Address with Telephone / Fax No. :

1. Should furnish reference of at least two companies where similar work has been carried out by the bidder in past two years, with satisfactory completion certificate
2. The average annual turnover for the last three years to be not less than Rs. 4.5 Lakh ( proof of IT return to be submitted)
3. Should be holding :  
  
Registration certificate under Bombay Shops & Establishment Acts, PAN NO., Service Tax Registration No (documentary proof to be attached).
4. Copy of blank price bid duly signed:
5. Copy of all Tender documents duly signed
6. Letter of Compliance on Company letterhead

The tenderer shall also submit the letter of compliance on their letter head, duly signed and enclosed with technical bid (format enclosed)

Signature of Tenderer

Name:

Designation:

Seal

**FORMAT FOR TECHNO- COMMERCIAL BID**

Tender Ref: RE: MUM: HR: RENOVATION: TNKB: 2016

OFFER FOR Tender for carrying out Repairing, Painting, Carpentry, Electrical & Structural work at Khetan Bhawan Guest House, Churchgate, Mumbai & Tilak Nagar township, Chembur Mumbai

<b>SNo</b>	<b>Office, Mumbai</b>	<b>Remarks</b>
1	The average annual turnover for the last three years to be not less than Rs. 4.5 lakh ( proof of IT return to be submitted)	Copy of CA Certificate / copy of Balance Sheet to be submitted
2	<p>Bidder must submit proof of having successfully completed similar works : at least Two years (ending last day of month previous to the one in which the tender was due for opening) as under: (copies of work order/ contract along with completion certificate to be enclosed)</p> <p>(a) Three contracts of value not less than Rs 6.00 lakhs each.</p> <p style="text-align: center;">OR</p> <p>(b) Two contracts of value not less than Rs.7.50 lakhs each.</p> <p style="text-align: center;">OR</p> <p>(c) One contract of value not less than Rs 12.00 lakhs each.</p> <p>NOTES:</p> <p>(1) If work order does not specify the value of the contracts, the same should be certified from customers. In that case the documents required will be work order/contract copy, customer certification for contract value and satisfactory completion certificate from customer</p> <p>(2) The party who submits only work order or contract copy and does not submit satisfactory completion certificate from customer will not be considered.</p> <p>(3)The party who submits only satisfactory completion certificate from customer and does not submit relevant copy of work order/contract will not be considered</p>	Copies of contract / work order with satisfactory completion certificate from customer must be attached

3	EARNEST MONEY DEPOSIT Rs. 18000/- : The Bidders, should submit EMD in Online mode in the given A/C of 'BHARAT HEAVY ELECTRICALS LIMITED as part of the Technical Bid. EMD is interest free as per tender conditions. Offers without EMD shall not be considered.	Transaction No- Bank Name- Bak Addresss-
4	Should be holding: Registration certificate under Bombay Shops & Establishment Acts, PAN NO, Service Tax Registration No, Sales tax registration (documentary proof to be attached).	Upload Documentary Signed proof
5	Compliance Letter: The compliance letter duly signed and stamped on letter head is to be uploaded on E-procurement portal	Upload Documentary Signed proof
6	All Tender documents to be stamped and signed, including blank copy of price Bid	Upload Documentary Signed proof
7	Scope of work : As per NIT Documents Clause A	Accepted Unconditionally
8	During the period of the contract of any of your employees come in contract with contagious diseases like TB, Measles, Chicken Pox etc., as defined by Medical Council of India, they shall be immediately substituted with another person. Any loss on this account will be to the cost of the contractor.	Accepted Unconditionally
9	Contractual & Legal Obligations:	Accepted Unconditionally
	1. BHEL has privity of contract with employer only.	
	2. No relation with the employment of employees.	
	3. It is a contract and should not amount to	
	- Joint Venture	
	- Partnership	
This is a contract for Renovation works of BHEL Khetan Bhawan Guest House & Tilak Nagar Township only and will not amount to Employer – employee relationship		
4. Will not deploy any casual employee or subcontract the job without written permission.		
5. The contractor's workers have to work as per the instruction of BHEL.		
10	Staff : Adequate Supervisor & Workers as per work proportion shall be allotted by Party for completion of works.	Accepted Unconditionally

11	Evaluation Criteria: As per NIT Clause No C	Accepted Unconditionally
12	Payment Terms: As per NIT Clause no E Sr No 1	Accepted Unconditionally
13	Duration of Contract: The contract will be for 45 days	Accepted Unconditionally
14	Contractor Obligation : As specified in NIT	Accepted Unconditionally
15	Statutory Liabilities : As specified the NIT conditions	Accepted Unconditionally
16	Tenderer shall furnish proper returns to the concerned statutory authorities regarding wages /DA, contributions under EPF and MP Act, ESI etc.	Accepted Unconditionally
17	Tenderer shall be solely responsible for non-payment /delayed payment of wages /DA; contributions under EPF and MP Act, ESI act etc	Accepted Unconditionally
18	In case the tenderer fails to make payment of wages to his employees or remittance of contribution to the concerned authorities, the security deposits/ other dues// running bills under the contract can be utilized by BHEL to discharge the liability of the tenderer.	Accepted Unconditionally
19	Tenderer shall indemnify BHEL against claims and losses under various Labor Laws, statutes or any civil or criminal law in connection with employees deployed by him.	Accepted Unconditionally
20	The liability for any compensation on account of injury sustained by an employee of the tenderer will be exclusively that of the tenderer.	Accepted Unconditionally
21	Tenderer will be responsible for the good conduct of his employees. In case of any misconduct/ misbehavior by any employee, the tenderer will replace such employees(s) immediately. Opinion of BHEL will be final and binding on tenderer with respect to the conduct of his employee	Accepted Unconditionally
22	Tenderer will keep watch on his employees and he will be liable for any pilferage / loss to BHEL, due to acts of omission and commission by his employees. Similarly, liability for any compensation to outsiders on account of any act of omission and commission by the employees deployed by the Tenderer	Accepted Unconditionally

23	Tenderer should have independent code numbers/ exemptions under EPF & MP Act, 1952 and ESI Act, 1948 and shall cover his employees under the said codes	Accepted Unconditionally
24	Payment of bonus under the payment of Bonus Act (wherever applicable), Payment of Gratuity under the Gratuity Act and retrenchment compensation under Act will be sole responsibility of the tenderer.	Accepted Unconditionally
25	Tenderer shall observe Provisions of the local administration in respect of working hours, holidays, rest intervals, leave to his employees. No overtime or No work shall be done on Sunday or on other declared holidays without permission.	Accepted Unconditionally
26	Tenderer should have obtained a Labour license from appropriate Government under Contract Labour (Regulation and Abolition) Act 1970, ESI Act and other relevant legislations	Accepted Unconditionally
27	During the currency of the contract if any new act/ rule/ guidelines are issued by Government authorities then same has to be followed	Accepted Unconditionally
28	PERFORMANCE & PENALTY: As specified the NIT Conditions	Accepted Unconditionally
29	CERTIFICATE OF INDEMNITY: In case of any dispute, the decision taken by BHEL Management will be final and binding on the successful tenderer.	Accepted Unconditionally
30	WORKING TIME & NATURE OF SERVICES: The tenderer shall perform services mentioned in the Scope of Services on day to day basis on all working days in a week from 9.00 am to 5.30 pm, 8½ Hrs. duty including half an hour lunch break.	Accepted Unconditionally
31	CHARACTER VERIFICATION AND ANTECEDENCE: In case the tenderers desires to change the manpower deployed by him, due to any reason, the new incumbent should be deployed with the clearance of Police Authorities and Work-in-Charge.	Accepted Unconditionally
32	TAXES & DUTIES: As specified the NIT	Accepted Unconditionally
33	COMMENCEMENT OF WORK: As specified in NIT	Accepted Unconditionally

34	Risk purchase: As specified in NIT	Accepted Unconditionally
35	SECURITY DEPOSIT: As specified in NIT	Accepted Unconditionally
36	INDEMNITY: As specified in NIT	Accepted Unconditionally
37	REQUIREMENTS OF PERFORMANCE : As specified in NIT	Accepted Unconditionally
38	ARBITRATION: As specified in the NIT	Accepted Unconditionally
39	Earnest Money Deposit: As specified in the NIT	Accepted Unconditionally
40	Discrepancy In Words & Figures: Quoted In Offer: As specified in the NIT	Accepted Unconditionally
41	Reverse auction: As per general terms and condition. The final price break up after the RA has to be in proportion to the initial break up given at the time of online sealed bid.	Accepted Unconditionally
42	PREVENTION OF CORRUPTION : As specified in the NIT	Accepted Unconditionally
43	CANCELLATION OF THE CONTRACT: As specified in the NIT	Accepted Unconditionally
44	Offers shall remain valid for one month from the date of opening of Tender	Accepted Unconditionally

**PRICE BID – PART ‘B’**

<b>DETAILS OF WORK TO BE DONE IN A. TILAK NAGAR AND B.KHETAN BHAWAN</b>					
<b>A. TILAK NAGAR</b>					
<b>SL NO</b>	<b>DESCRIPTION OF ITEMS</b>	<b>QTY</b>	<b>UNIT</b>	<b>RATE</b>	<b>AMT</b>
1	Providing and laying Vitrified tiles in floors with different sizes (Standard Thickness), with water absorption less than 0.08% and conforming to IS:15622, of Kajeria or equivalent brand in colour & shade as approved by BHEL, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness, including grouting of joints. Note: Skid resistant tiles to be provided. Size of Tile 600 x 600 mm	22.00	Sqm		
2	Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling/grouting and finishing complete as per direction of BHEL. Note: Size of Tiles is 600 x 600 mm	22.00	Sqm		
3	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS:15622 (Standard Thickness) of Kajaria or equivalent brand in colour & shade as approved by BHEL in skirting, risere of steps and dados over 12 mm thick bed of Cement Mortar 1:3 (1 Cement :3 Coarse sand) and jointing with grey cement surry @ 3.3kg per Sqm including pointing in white cement mixed with pigment of matching shade complete. Note: Bathroom & Toilets	40.00	Sqm		
4	Fixing glazed/ ceramic/ vitrified floor tiles with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477 , using 5 kg adhesive per Sqm of tile area, in average 3 mm thickness. Note- Hall, Kitchen, Passage	40.00	Sqm		
5	Providing and laying Ceramic glazed floor tiles 300 x 300mm (Standard Thickness) of 1st quality conforming to IS : 15622 of Kajaria or equivalent brand, Laid on 20 mm thick cement mortar 1:4 (1cement : 4 coarse sand) including pointing the joints with white cement and matching pigment	4.00	Sqm		

	etc., complete. <b>Note :-Anti skid tiles ( Bathroom &amp; Toilet)</b>				
6	Providing and fixing 18 mm thick gang saw cut mirror polished (premoulded and prepolished granite) machine cut for <b>kitchen platforms, vanity counters, window sills, facias and similar locations</b> of required size of Kajaria or equivalent brand. Shade, colour and texture will be as per BHEL approval, 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. Note- Granite of any colour and shade, Area of slab over 0.50 sq meter	7.00	Sqm		
7	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc. including machine polishing to edge to give high gloss finish etc., complete as per requirement of BHEL. Note-Granite Work, Doors & Windows Contours	3.00	Metre		
8	Providing opening of required size & shape for wash basins/kitchen sink in kitchen platform, vanity counters and similar location in marble/Granite /stone work including necessary holes for pillar taps etc. including rubbing and polishing of cut edges etc. complete.	1.00	each		
9	Providing and fixing factory made P.V.C. door frame of size 50 x 47mm with a wall thickness of 5 mm, made out of extruded 5 mm rigid PVC foam sheet, mitred at corners and joined with 2 Nos. of 150 mm long brackets of 15 x 15 mm M .S. square tube, the vertical door frame profiles to be reinforced with 19 x 19 mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65 / 100 mm size, complete as per manufacturers specification and direction of BHEL. Note- For Aluminium Door Frames	10.00	One Running Metre		
10	Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for styles and 15x15mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture . M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30mm thickness, 70mmwidth out of which 50 mm shall be flat and 20mm shall be	4.00	Sqm		

	<p>tapered in 45 degree angle on both side forming styles; and 5 mm thick, 95mm wide PVC sheet out of which 75 mm shall be flat and 20mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115mm wide PVC sheet out of which 75mm shall be flat and 20mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5mm x 2 ) thick, 20mm wide cross PVC sheet be provided as gap insert for top rail &amp; bottom rail. panelling of 5mm thick both side PVC sheet to be fitted in the M.S. frame welded/ sealed to the styles &amp; rails with 7mm(5mm+2mm) thick x 15mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive.</p> <p>An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per direction of BHEL.</p> <p>Note- Door Specification</p>				
11	30 mm thick plain PVC door shutters.	4.00	Sqm		
12	12 mm cement plaster of mix : , 1:4 (1 cement: 4 fine sand)	10.00	Sqm		
13	Providing and applying plaster of Paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete. Note- For Painting of All surfaces	110.00	Sqm		
14	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : Water thinnable cement primer.	110.00	Sqm		
15	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade New work (two or more coats) over and including water thinnable priming coat with cement primer.	110.00	Sqm		
16	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.	1.00	lump sum		
17	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chokhats, architrave, holdfasts, etc. complete and stacking within 50 metres lead: a) Of area 3 Sqm and below.	2.00	each		
18	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead: For thickness of tiles 10 mm to 25	4.00	Sqm		

	mm.				
19	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 510 mm bowl depth 200 mm.	1.00	each		
20	Providing and fixing 600x450 mm bevelled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	1.00	each		
21	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS : 733 and IS : 1285, fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing/panelling, C.P. brass/stainless steel screws, all complete as per architectural drawings and the directions of BHEL. For fixed portion. Note- Powder coated aluminium (minimum thickness of powder coating 50 micron)	10.00	kg		
22	Glazing and panelling Charges				
23	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber/neoprene gasket required Powder coated aluminium (minimum thickness of powder coating 50 micron)	10.00	Kg		
24	Glazing and panelling Charges				
25	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer-in-charge. With float glass panes of 5.50 mm thickness (Cement to be issued free of cost by BHEL)	5.00	Sqm		
26	Cost of aluminium snap beading				

27	Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portions of W.C., kitchen and the like consisting of :i) Ist course of applying cement slurry @ 4.4 Kg/Sqm mixed with water proofing compound conforming to IS 2645 in recommended proportions including rounding off junction of vertical and horizontal surface. ii) IInd course of 20mm cement plaster 1:3 (1 cement : 3 coarse sand)mixed with water proofing compound in recommended proportion including rounding off junction of vertical and horizontal surface.iii) IIIrd course of applying blown or residual bitumen applied hot at 1.7Kg. per Sqm of area. iv) IVth course of 400 micron thick PVC sheet. (Overlaps at joints of PVC sheet should be 100 mm wide and pasted to each other with bitumen @ 1.7 Kg/Sqm.)	4.00	Sqm		
	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 etc.				
28	15 mm nominal outer dia .Pipes.	10.00	metre		
29	20 mm nominal outer dia .Pipes.	10.00	metre		
30	25 mm nominal outer dia .Pipes.	10.00	metre		
	Carriage of material up to 1 km lead by Mechanical transport including, loading, unloading & stacking				
31	a) Lime, Moorum, Building rubbish	2.00	Lump sum		
32	c) Steel	0.20	tonne		
33	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade Two or more coats on new work.	40.00	Sqm		
34	Steel work in built up tubular ( round, square or rectangular hollow tubes etc.) trusses etc. including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished seamless type tubes.	100.00	Kg		
35	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS :	1.00	No		

	7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required Angular Cock (Make:-Jaguar FLR 5053N or Plumber Square range CRS-2105 or Hind ware F280004), Pedestal type WC seat (Make:- Jaguar Cat no. CNS-WHT-WH10P/WH10 or Hind ware cat no. 20065 or Parry ware C0215);Flushing Cistern (Make Jaguar CNS-WHT-CS01 or Hind ware cat no 21045 or Parry ware C0755 + C2065);Flush Fitting (Make:-Jaguar CNS-WHT-WCF1 or Hind ware cat no 20065 or Parry ware C8149); Seat Cover (Make:- Jaguar CNS-WHT-WCN1 or Hind ware cat no 20065or Parry ware cat no C8094)				
36	Providing and fixing 15 mm nominal bore C. P. Brass <b>BIB COCK</b> (approved make JAQUAR cat no. 5047N or Plumber Chorus range Cat no. CRS-2103 or Hind ware cat no F-140002) including cutting and making good of walls where ever required.	1.00	No		
37	Providing and fixing 15 mm nominal bore C. P. Brass <b>LONG BODY BIB COCK</b> (approved make JAQUAR cat no. CON-107KN or Plumber Chorus range Cat no. CRS-2103 Or Hind ware cat no F-110002) including cutting and making good of walls where ever required.	1.00	No		
38	Providing and fixing 15 mm C. P. Brass <b>CONCEALED STOP COCK</b> (approved make JAQUAR cat no. 5083NK with ALD083 or Plumber Chorus range Cat no. CRS-2106 or Hind ware cat no F-170005) including cutting and making good of walls where ever required.	1.00	No		
39	Providing and fixing 15 mm nominal bore C. P. Brass <b>ANGULAR STOP COCK</b> (approved make JAQUAR cat no. 5053N or Plumber Chorus range Cat no. CRS-2105 or Hind ware cat no F-28004) including cutting and making good of walls where ever required.	1.00	No		
40	Providing and fixing 15 mm nominal bore round shaped single flow ABS body Chrome plated (gray face plate) OVER HEAD SHOWER including shower arm (approved make of over head shower JAQUAR cat no. OSH-1999 or Plumber Square range Cat no. ITP-2310 including 190mm long C. P. Brass SHOWER ARM make JAQUAR cat no. SHA-483 or Plumber Square Range ARM-R012).	1.00	No		
41	Providing and fixing WALL MIXER with provision for over head shower with 155mm long bend pipe on upper side, connecting legs and wall flange (approved make JAQUAR cat no. FLR-5273UPR or	1.00	No		

	Plumber Chorus range Cat no. CRS-3000 or Hind ware cat no F110018) including cutting and making good of walls where ever required.				
42	Providing and fixing aluminium/ABS body <b>SOAP DISPENSER</b> with metallic bottle (approved make JAQUAR cat no. ACN-1137N or Plumber Square range Cat no. SQ7005).	1.00	No		
43	Providing and fixing C. P. brass wall mounted <b>Robe hook</b> with C. P. brass screws (approved make of C. P. brass wall mounted robe hook shall be JAQUAR cat no. ACN-CHR-1191N or Plumber Square range Cat no. SQ-7001 or Hind ware cat no F880004.) including cutting and making good of walls where ever required.	1.00	No		
44	Providing and fixing C. P. brass wall mounted Toilet paper holder with C. P. brass screws (approved make toilet paper holder JAQUAR cat no. ACN-1153N or Plumber Square range Cat no SQ-7008 or Hind ware cat no F-840009)	1.00	No		
45	Providing & Fixing CP Brass wall mounted Tumbler holder with CP Brass Screws(approved make of tumbler holder JAQUAR cat no. ACN-CHR-1141N or Plumber Square range Cat no. SQ-7066 or Hind ware cat no F-880001) with concealed fitting arrangements including cutting & making good of walls where ever required as Direction of Engineer-in-Charge Complete.	1.00	No		
46	Providing and fixing C. P. brass wall mounted <b>Towel ring</b> with C. P. brass screws (approved make of towel ring JAQUAR cat no. ACN-1121N or Plumber Square range Cat no. ER-0912 or Hind ware cat no F-880007).	1.00	No		
47	Providing and fixing Wall Mounted 600 mm long <b>Towel Rack</b> fixed with C.P. Brass screws, , rawl plugs etc., complete. (approved make of Wall Mounted Towel Rack JAQUAR cat no. ACN-1181N or Plumber Square range Cat no. SQ-7524 or Hind ware cat no F-880008 )	1.00	No		
48	Providing and fixing 600 mm C. P. brass wall mounted Towel Rail with C. P. brass screws (approved make of Towel Rail JAQUAR cat no. ACN-CHR-1111NM or Plumber Square range Cat no. SQ-7024 or Hind ware Cat No 840013) including cutting and making good of walls where ever required.	1.00	No		
49	Providing and fixing Corner Mounted Glass shelf complete fixed with C.P. Brass screws, , rawl plugs etc., complete. (approved make of Glass Shelf JAQUAR cat no. ACN-CHR-1173 or Plumber cat.	1.00	No		

	No U-0921)				
50	Providing & Fixing CP Brass Wall Mounted Soap Dish Holder with CP Brass Screws (Make of Soap Dish Holder JAQUAR cat no. ACN-1131 or Plumber Square range Cat no. SQ-7003 or Hind ware Cat No F880011) with concealed fitting arrangements including cutting & making good of walls where ever required as per Direction of Engineer-in-Charge Complete.	1.00	No		
51	Crack Filling & Plaster in All Flats	1.00	Lump sum		
52	Window strengthening : Support of metal structure in window to avoid bending and cracking of granite				
53	Jharoka Replacement : Side support before removal of old Jharoka, Fitting of New Jharoka (Cement), Plastering, Painting	15.00	Sqm		
	<b>Electrical Rewiring of the Flats which includes Complete Rewiring of the Flat as with points mentioned as under:</b>				
54	Supply & Installation of New Wiring Point for Flat - 1.5 sqmm wire(Polycab Make) , PVC Box, Ceiling rose and 1" / 3/4" PVC Casing Caping with switch and Accessories (Make- Anchor / Roma)	12	No		
55	Supply & Installation of 5 AMPS Socket point wiring 2.5 sqmm wire 2 + 1.5 Earthing wire- 1 and PVC Casing caping (Anchor/ Roma Make) Switch & Socket on Box	9	No		
56	Supply & Installation of of Fan Regulator -Roma	2	No		
57	Supply & Installation of 15 AMPS Switch Socket with Box and 2.5 wire 2 Nos. 1.5 wire Earthing -1 No. PVC CC , Polycab Wire	5	No		
58	Supply & Installation of AC Point 4 sqmm wire -2 Nos. 2.5 sqmm Earthing wire and 20 APMS Matel socket , Top and 20 AMPS Single Pole MCB Point	1	No		
59	Supply & Installation of Single Phase 8 Way D.B. Box and 6 Nos. Single Pole MCB -1 No. (Make Ligrand, LT)	1	No		
60	Supply & Installation of 2 Pole ELCB (Make- LT, Legrand )	1	No		
61	Supply & Installation of New Wiring Point for Flat - 1.5 sqmm wire(Polycab Make) , PVC Box, Ceiling rose and 1" / 3/4" PVC Casing Capingwith switch and Accessories (Make- Anchor / Roma)	12	No		
62	Supply & Installation of 5 AMPS Socket point wiring 2.5 sq mm wire 2 + 1.5 Earthing wire- 1 and PVC Casing caping (Anchor/ Roma Make) Switch & Socket on Box	9	No		

63	Supply & Installation of of Fan Regulator -Roma	2	No		
64	Supply & Installation of 15 AMPS Switch Socket with Box and 2.5 wire 2 Nos. 1.5 wire Earthing -1 No. PVC CC , Polycab Wire	5	No		
Grand Total of A- Tilak Nagar					

**B . Khetan Bhawan**

<b>SL NO</b>	<b>DESCRIPTION OF ITEMS</b>	<b>QTY</b>	<b>UNIT</b>	<b>RATE</b>	<b>AMT</b>
1	Repairs to plaster of thickness 12 mm to 20 mm in 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 the walls complete, including disposal of rubbish to the dumping ground within 50 metres lead : With cement mortar 1:4 (1cement: 4 coarse sand)	40	Sqm		
2	Providing and fixing machine moulded aluminium covering of approved pattern & design, made out of machine cut aluminium sheet and machine holed for receiving dash fastener, over expansion joints on vertical surfaces/ceiling floors, the fixing on plate in one row on one side of joint only shall be done with stainless steel dash fasteners of 8 mm dia and 75 mm long bolt including providing aluminium washers 2 mm thick & 15 mm dia , at a staggered pitch of 200 mm centre to centre including drilling holes in the receiving surface and providing expandable plastic sleeves in holes etc. complete as per drawing and direction of BHEL. Anodised aluminium sheet 2.5mm thick (anodised transparent or dyed to required shade according to IS:1868, Minimum anodic coating of grade AC 15)	40	Sqm		
3	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium	50	Sqm		

	<p>snap beading for glazing / panelling, C.P. brass/ stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. :For fixed portion</p> <p>Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)</p>				
4	<p>Glazing, panelling and dash fasteners</p> <p>Charges</p>				
5	<p>Providing and fixing 18mm 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, approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement : 4 coarse sand) joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.</p> <p>Granite of any colour and shade</p> <p>Area of slab up to 0.50 Sqm</p>	40	Sqm		
6	<p>Providing edge moulding to 18mm thick marble stone counters, Vanities etc. including machine polishing to edge to give high gloss finish etc. complete as per design approved by BHEL.</p> <p>Granite work.</p> <p>Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.</p> <p>For thickness of tiles 10 mm to 25 mm</p>	4	meter		
7	<p>Aluminium Window Repair and refixing</p>	50	Sqm		
8	<p>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.</p>	500	Sqm		
9	<p>Wall painting with premium acrylic emulsion paint of interior grade, 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</p>	900	Sqm		

	shade and colour. Note- Two coats				
10	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. Asian Paint Acrylic Wall Putty	900	Sqm		
11	Painting with synthetic enamel paint, having VOC (Volatile Organic Compound) content less than 150 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour. Note- Two coats.	100	Sqm		
12	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.	100	Sqm		
13	Painting with synthetic enamel paint, having VOC (Volatile Organic Compound) content less than 150 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour. Two coats.	100	Sqm		
14	Wallpaper	20	Sqm		
15	Carriage of Debris	1	Trips		
Grand Total of B- Khetan Bhawan					
Grand Total A + B					

Signature of Bidder with Date.

Name and Address Telephone / Mobile No. of the Bidder

**(LETTER OF COMPLIANCE IN YOUR COMPANY'S LETTER HEAD)**

To

Date:

M/s. Bharat Heavy Electricals limited,  
15th floor, World Trade Centre-1,  
Cuffe Parade,  
Mumbai – 400 005

Dear Sirs,

Sub: Your tender no. RE: MUM: HR: RENOVATION::TNKB:2016 dtd  
20.12.2016

With reference to your above tender, we hereby confirm that all the terms and conditions of your above tender are acceptable to us and our offer is based on the same.

We have submitted the price bid in your price bid format only without any deviations / conditions.

We also confirm that if any deviations / conditions in the Price Bid are mentioned, the same will not be entertained by BHEL.

Thanking you,

Yours faithfully,

SIGNATURE AND SEAL OF THE BIDDER