

**Tender Renovation and Repair of Trichy Transit Flat at
GK Part-I, New Delhi**



Bharat Heavy Electricals Limited

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No. AA: CORP: GAX: RENO: Try Transit Flat: 11-12
Dt. 05.11.2011

Submission of tender enquiry on 14.11.2011 by 02.00 PM
Due date for opening of bid on 14.11.2011 at 02.30 PM

SUB: Renovation and Repair of Trichy Transit Flat at GK Part-I, New Delhi

Dear Sirs,

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

1.0 TERMS & CONDITIONS OF TENDER:

- 1.1 Tender Enquiry No. & due date must be legibly superscribed on all the envelopes.
- 1.2 Tenders shall be received and opened on the due date and time as mentioned above in the presence of tenderers or their authorized representatives who may like to be present.
- 1.3 Tenders shall be strictly in accordance with the tender specifications. Any deviations shall be listed out separately.
- 1.4 Offers shall remain valid for 90 days period from the due date of submission of tenders.
- 1.5 BHEL shall be under no obligation to accept the lowest or any other tender and shall be entitled to accept or reject any tender in part or full without assigning any reason whatsoever.
- 1.6 Tenders received after due date & time are liable to be rejected.
- 1.7 BHEL reserves the right to increase or decrease the quantity $\pm 15\%$ of contract value at the same rates and terms and conditions of this contract.
- 1.8 Tender should be submitted along with covering letter of the tenderer and duly signed on each & every page of the tender document, technical specifications and price bid.
- 1.9 Each tenderer has to deposit **EMD of Rs. 40,000.00/- (Forty thousand only)** for the above job and the same will be in the form of Pay Order or Demand Draft only in favour of BHEL, payable at New Delhi. EMD submitted by tenderer will be forfeited if tenderer revokes his tender within validity period or increases his rates.
- 1.10 Each tender shall be accompanied by separate envelope carrying EMD as mentioned above failing which the tender will be rejected.

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

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

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

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

(Note: Acceptance of Security Deposit against Sl. No. (iv) and (vi) above will be subject to hypothecation or endorsement on the documents in favour of BHEL. However, BHEL will not be liable or responsible in any manner for the collection of interest or renewal of the documents or in any other matter connected herewith).

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

1.12 EMD of successful tenderer will be converted into security deposit and balance amount of security deposit will have to be deposited as per clause No. 1.11. EMD given by all successful tenderers shall be refunded normally within fifteen days of acceptance of award of work by the successful tenderer. EMD shall not carry any interest.

- 1.13 Prices quoted by the tenderers will be firm and no escalation on account of labour or material or taxes or any reason whatsoever will be paid to the successful tenderer for execution of the above job.
- 1.14 Prices quoted by the tenderers should be inclusive of all taxes etc. as prevailing on Works Contract, but excluding service tax as applicable, for which the successful tenderer has to submit the tax deposit receipt proof for release of payment along with the bill submitted for the payment.
- 1.15 Evaluation of the Tenderers will be done on overall quote basis for the complete work and entire job will be awarded to the overall tenderer. If at the time of submitting price breakup, by the L1 bidder, it is found that the rate quoted against any item is mismatching with amount of the same item or vice versa then the lower value of the two (either rate or amount) will be accepted, and total amount of work order will be calculated on the basis of lower value.
- 1.16 **Completion Time & LD:** Entire work has to be completed within 3 months from the date of award of work/LOI failing which liquidated damages will be imposed @ 1/2 % of the Gross Value for per day of delay, subject to a maximum of 10% of the Gross Value. LD will be calculated on the total value of Work Order.
- 1.17 **Payment terms:** Full and final bill will be paid after successfully completion of work.
- 1.18 The successful tenderer will carry out the work as per specifications. In case of any doubt regarding the specification and its quality of work, Engineer in Charge's clarification and decision will be final and binding on him.
- 1.20 The successful tenderer has to carry out the work day and night without creating any nuisance to the neighborhood. No time extension will be allowed whatsoever be the reason. After handing over the site/flats the contractor will be responsible for the belonging of flats and materials brought by him for execution of job.
- 1.21 Tenderers are requested to go through the scope of work, visit the site location etc. and get fully acquainted with the work place and prevailing working conditions to get all their doubts clarified regarding the above work before submitting the offer. Engineer-in-charge's decision will be full and final in the event of any doubt.
- 1.22 The successful tenderer must comply to all statutory labour law regulations applicable to this contract like minimum wages act, timely payment of wages etc. including taking of insurance cover etc. for workers employed for this contract. Any obligation on account of the above will be the liability of the successful tenderer.
- 1.23 In case of any objection from any statutory / local authority, the successful tenderer has to liaison with them for smooth progress of work.
- 1.24 The successful tenderer will be responsible for the quality of the work and it is to be guaranteed for a period of one year from the date of completion of job.
- 1.25 Period of maintenance shall mean the period of one year which will be calculated from the date of completion of the works certified by the Engineer in accordance with conditions of the contract. The period of maintenance shall always be reckoned from the date of completion of the whole of the works as accepted / taken over by Engineer-in-charge.

- 1.26 The Tenderers are required to quote for the complete scope of work. Tenders for part of the work or incomplete in any respect are liable to be rejected. Tenderers shall certify in the Techno- commercial bid that rates for all the items have been quoted.
- 1.27 Work order will be placed on lowest bidder for the complete scope of work i.e. Renovation and Repair of Trichy Transit Flat at GK Part-I, New Delhi for which the bidder has qualified in the Techno-commercial Bid and subsequently has emerged as lowest bidder in the evaluation of price bid.
- 1.28 Penalty will be levied by BHEL as per relevant clauses of the Tender on account of delay, violation of contract conditions and non-performance of the Contractor.
- 1.29 All documents submitted by the Tenderer in his tender shall be accompanied with a covering letter giving index interlinking all the documents.
- 1.30 BHEL reserves the right to accept or reject any of the bid / all bids with or without deviation or cancel / withdraw the invitation for bid without assigning any reason whatsoever and in such case no tenderer shall have any claim arising out of such action by BHEL.

2.0 QUALIFYING CRITERIA FOR THE TENDERERS:

- Bids are invited from technically capable & financially sound
- 2.1 Average Annual financial turnover during the last 3 years, ending on 31st March' 2010, should be at least **Rs. 5.50 Lacs.**
- 2.2 Contractors / System integrators having experience of successfully completion of similar works during last 7 years ending on 31.05.2011 should be either of the following : -
- a. Three similar completed works each costing not less than the amount equal to 40% of the estimated cost i.e. **Rs. 7.50 Lacs.**
- OR**
- b. Two similar completed works each costing not less than the amount equal to 50% of the estimated cost i.e. **Rs. 9.25 Lacs.**
- OR**
- c. One similar completed work costing not less than the amount equal to 80% of the estimated cost i.e. **Rs. 15.00 Lacs.**
- 2.3 Tenderers must have valid registration no. of **PAN No. , VAT / TIN No. , Service Tax No.** which they have to submit during submission of bid. Proof of valid PF & ESI registration No. will have to produce by the bidders at the time of submission of bill.

Note: 'Similar works' mentioned in Para 2.2 above shall necessarily include "Construction, renovation, modification, repair & maintenance of **buildings** with any Central Govt. / State Govt. / PSUs / Public Limited Company."

3.0 DOCUMENTS REQUIRED:

- 3.1 The Tenderers should submit documents in support of possessing Qualifying requirements as under, duly certified and stamped by their authorized signatory:
- a) Copy of income tax return of previous three and work orders alongwith BOQ and completion certificates in support of the qualifying criteria mentioned at clause no.

2.0 above with covering letter / indexing of the same. Tenderer shall also submit covering letter with calculation of average financial turnover (with proof) of previous three years and description of successfully completed work in support of 2.1 and 2.2 respectively.

- b) Tenderer has to submit a copy of registration certificate of **PAN No. , VAT/TIN No.** If the contractor has the valid PF & ESI registration No. the proof of those may be submitted.
- c) Un-priced price bid format duly signed by the tenderer shall be submitted along with technical bid by mentioning 'Q' in the column where quote is to be offered by the bidder.
- d) A copy of tender enquiry duly signed on each and every page shall be submitted along with technical bid.
- e) Tenderer has to submit the **No Deviation Certificate** duly signed in the format mentioned in **Annexure – A.**
- f) Tender has to be submitted with contact address and e-mail ID etc. duly filled and signed as placed in **Annexure-B.**

4.0 PROCEDURE FOR SUBMISSION OF TENDERS:

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

- 4.5 Tenders with deviations from terms and conditions are likely to be rejected.
- 4.6 Clarifications, if any, of Technical / Commercial nature, can be obtained from the officer to whom the tender is to be submitted or from New Delhi office at the address given up to one week before the tender due date.

6.0 SCOPE OF WORK:

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

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

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For & on behalf of
Bharat Heavy Electricals Ltd.

(Salonee Gupta)
Engineer (HR-GAX)

Enclosures: As above

Annexure-A

NO DEVIATION CERTIFICATE

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

Signature and Seal of the Bidder

Annexure-B

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

Sign and seal of Bidder

Annexure-I

BOQ of Renovation and Repair of Trichy's Transit Flat at GK Part-I, New Delhi.

Sl. No.	Description of Items	Unit	Total Qty.	Rate (Rs.)	Amount (Rs.)
A	Civil Work				
1	Dismantling aluminium / Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material at the risk & cost of Contractor	sqm	15		
2	Dismantling of European W.C. & flushing cistern of any size including stacking of useful materials near the site and disposal of unserviceable materials at the risk & cost of Contractor	each	12		
3	Dismantling of Indian W.C. & flushing cistern of any size including stacking of useful materials near the site and disposal of unserviceable materials at the risk & cost of Contractor	each	1		
4	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking at the risk & cost of Contractor : of area 3 sq. meters and below	each	25		
5	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material at the risk & cost of Contractor. In cement mortar	cum	2		
6	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 meters lead as per direction of Engineer - in- charge.	cum	1		
7	Demolishing cement concrete manually/ by mechanical means including disposal of material at the risk & cost of Contractor 1:3:6 or richer mix	cum	11		
8	Dismantling C.I. or asbestos rain water pipe with fittings and clamps including at the risk & cost of Contractor : 100 mm dia pipe	mtr.	25		

9	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means including stacking of pipes at the risk & cost of Contractor : 15 mm to 40 mm nominal bore	mtr.	25		
10	Dismantling old plaster / old carpet or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground at the risk & cost of Contractor.	sqm	400		
11	Dismantling of tile work in floors and roofs laid in cement mortar including stacking materials at the risk & cost of Contractor. For thickness of tile 10 to 25 mm	sqm	70		
12	Providing and fixing 12mm thick prelaminated particle board flat pressed three layer or raded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge. Pre-laminated particle board with decorative lamination on both sides.	sqm	15		
13	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10litre low level white vitreous china flushing cistern & C.P. flush bend with fitting & C.I. brackets, 40mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete including painting of fittings and brackets, cutting and making good walls and floors wherever required: W.C. pan with ISI marked white solid plastic seat and lid	each	11		
14	Extra for using coloured pedestal type W.C.pan (European type / Anglo-Indian type) with low level cistern of same colour instead of white vitreous china w.c pan and cistern	each	11		

15	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required : White Vitreous china Orissa pattern W.C. pan of size 580x440mm with integral type foot rests.	each	1		
16	Providing and fixing wash basin with C.I. Brackets 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls whenever required: as per direction of EIC. White vitrious China wash basin size 550 X 400 with a pair of 15 mm C.P. brass pillar taps	each	12		
17	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	kg	250		
18	Providing and fixing to existing door frames. 30 mm thick factory made Polyvinyl Chloride (PVC) door shutter made of styles and rails of a UPVC hollow section of size 60x30 mm and wall thickness 2 mm \pm 0.2 mm with inbuilt decorative moulding edging on one side. The styles and rails mitred and joined at the corners by means of M.S. galvanized/plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanized M.S. tube of size 25x20 mm and 1 mm \pm 0.1 mm wall thickness. The lock rail made up of 'H' section, a UPVC hollow section of size 100x30 mm and 2 mm \pm 0.2 mm wall thickness fixed to the shutter styles by means of plastic/ galvanized M.S. 'U' cleats.The shutter frame filled with a UPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm \pm 0.1 mm wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanized M.S. rod and fastened with nuts and washers,complete as per manufacturer's specification and direction of EIC.	sqm	30		

19	Providing and laying integral cement based treatment for water proofing on the vertical surface by fixing specified stone slab 22 mm to 25mm thick with cement slurry mixed with water proofing compound conforming to IS:2645 in recommended proportions with a gap of 20mm (minimum) between stone slabs and the receiving surfaces and filling the gaps with neat cement slurry mixed with water proofing compound and finishing the exterior of stone slab with cement mortar 1:3 (1 cement : 3 coarse sand) 20mm thick with neat cement punning mixed with water proofing compound in recommended proportion complete at all levels and as directed by Engineer-in-charge : Using rough Kota stone	sqm	10		
20	Brick work with F.P.S. bricks of class designation 75 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	2		
21	12 mm cement plaster of mix : 1:6 (1 cement: 6 fine sand)	sqm	30		
22	Mirror polishing on marble work/Granite work/stone work where ever required to give high gloss finish complete.	sqm	250		
23	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade: One or more coats on old work.	sqm	1070		
24	Applying one coat of cement primer of approved brand and manufacture on wall surface - Cement Primer	sqm	1070		
25	Providing and applying plaster of Paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth	sqm	1070		
26	White washing with lime to give an even shade: New work (three or more coats)	sqm	50		
27	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	sqm	650		

28	French spirit polishing: One or more coats on old work.	sqm	600		
29	Melamine polishing coat on wood work (one or more coat) to give melamine finish on over and above item.	sqm	600		
30	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.(i) Single socketed pipes. 75 mm diameter	mtr.	25		
31	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.(i) Single socketed pipe. 110 mm diameter	mtr.	30		
32	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 25 mm nominal bore	each	5		
33	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 40 mm nominal bore	each	2		
34	Providing and fixing PTMT swiveling shower, 15mm nominal bore. Weighing not less than 40gms.	each	12		
35	Providing and fixing PTMT soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements. Weighing not less than 106 gms.	each	12		
36	Providing and fixing toilet paper holder : C.P. brass	each	12		
37	Providing and fixing PTMT Bottle Trap for Wash basin and sink. Bottle trap 38mm single piece moulded with height of 270mm, effective length of tail pipe 260mm from the centre of the waste coupling 77mm breadth with 25mm minimum water seal, weighing not less than 263gms.	each	12		

38	Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles with necessary screws etc.complete (best make of approved quality).	each	18		
39	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	sqm	500		
40	Providing and fixing G.I. Pipes complete with G.I. Fittings and clamps including cutting and making good the walls etc. (Internal Work). Concealed pipe including painting with anti corrosive bitumastic paint, cutting chases and making good the wall. 15mm nominal bore	mtr.	36		
41	Finishing walls with textured exterior paint of required shade: Old work (One or more coats) applied @ 1.82 ltr/10 sqm.	sqm	800		
42	Providing and fixing C.P brass stop cock (Concealed) of standard design of approved make conforming to IS:8931	each	24		
43	Providing and fixing C.P brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15 mm nominal bore	each	60		
44	P/F PTMT towel ring trapezoidal shape 215 mm long, 200mm wide with a minimum distance of 37 mm from wall face with concealed fittings arrangement of approved quality and colour. Weight not less than 88 gms	each	12		
45	P/F CP brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. 15 mm nominal bore	each	48		
46	P/F PTMT grating of approved quality and colour. 100 mm nominal dia	each	24		
47	P/F soil, waste and vent pipes: Centrifugally CI socketed pipe as per IS: 3989	mtr.	36		

48	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS:15622 of approved make in all colours and shades of any size as approved by engineer-in-charge in skirting .risers of steps and dados over 12mm thick bed of cement mortar 1:3(1 cement:3 coarse sand) and jointing with grey cement slurry @3.3 Kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	sqm	158.49		
49	10 cm thick (average) mud phuska of damped brick earth on roofs laid to slope consolidated and plastered with 25 mm thick mud mortar mixed with bhusa at 35 kg per cum of earth and gobri leaping with mix 1:1 and covered with flat tile bricks of designation 100 grouted with cement mortar 1:3 mixed with 2 % of integral water proofing compound by weight of cement and finished neat: With FPS brick tiles	sqm	70		
50	Providing, laying and finishing the top of floor/wall with the following best quality slabs/tiles of required sizes laid 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 and finishing to the required line, level & alignment, tile mat for joints filling, including rubbing and polishing wherever necessary etc. complete, all as per instructions of Engineer - in - charge and standard specifications. Rates also includes removing the white wash/distemper/paint thoroughly, chipping or hacking to make the leveled surface, cleaning the surface free from dirt and other foreign matters etc. vitrified tiles or equivalent, 8.50 mm thick(approx.) & 60 x 60 cm size.	sqm	400		
51	Providing and fixing 100mm width polyester fabric louvers vertical blind hung through hangers on polycarbonate runner moving on aluminium head rail fixed with brackets with weights inserted in the bottom of every louver inter-linked with chain, operated with high strength cord for opening and closing the blinds and tilting adjustment through bead chain etc complete	sqm	220		

52	Providing and fixing PLATO 15 mm Health Facet with 1.50 m Tube [Model 7303]. Rate includes cost of materials, labour, Transport, fixing and other incidental charges etc., complete, all as per the instruction of Engineer-in-charge.	each	12		
53	Providing and fixing 15mm concealed diverter (spark range"Parryware"). Rate includes cost of materials, labour, fixing, transport and other incidental charges etc. as per the instruction of Engineer-in-charge.	each	12		
54	Providing and fixing Cloth linear (Heavy Special Plato make). Rate includes cost of materials, labour, transport, fixing and other incidental charges etc. as per the instruction of Engineer-in-charge.	each	12		
55	Modern kitchen cup board shutters in kitchen	L.S.	1		
56	Providing & fixing Hand shower in bath rooms	each	12		
57	Extra for using coloured pedestal type wash basin of same colour instead of white vitreous china wash basin	each	12		
58	Fixing 5 mm thick mirror with 1" vaveled edges on all sides with necessary fixing arrangements	sqft	75		
59	Basin inlet connection with 15" long pipe	each	60		
60	Providing and fixing wall cap	each	120		
61	Providing and fixing in position ward robe / kitchen cabinets up to 600 mm deep as per drawing made up of one side teak board of 19 mm thick waterproof plywood laminated on both sides with 0.8 mm thick laminate for inside, outside with 1 mm laminate for exposed shutters, backside (in touch with wall, ceiling, floor)covered with 20 gauge aluminium sheet with all ends to be sealed with TW margin with horizontal shelves and vertical partition each ward robe and kitchen units along with shelves, shoe trays & drawers operative on telescopic channels for coats, sarees, clothes other household material and kitchen items including the cost of all accessories, hardware like hinges, catchers, handles, telescopic channels, locks, rods etc. all complete.	sqft	80		

B Electrical works					
1	Supplying and fixing of following sizes of following sizes of PVC conduit along with accessories in surface / recess including cutting the wall and making good the same in case of recessed conduit as required. 25 mm	mtr.	175		
2	Circuit/ sub-main wiring in PVC conduit : Wiring for circuit/ submain wiring along with earth wire with the following sizes of PVC insulated copper conductor, single core cable in surface/ recessed PVC conduit as required				
	2x2.5+1x2.5mm ² copper conductor	mtr.	300		
	2x4+1x4 mm ² copper conductor	mtr.	150		
3	S/F modular boxes base & cover plate: S/F following size/ modular, GI box along with modular base & cover plate for modular switches in recess etc. as required.				
	1 or 2 module (75 mm X 75 mm)	each	30		
	6 module (200 mm X 75 mm)	each	40		
	4 module (125mm X 75 mm)	each	31		
4	8 module (125mm X 125 mm)	each	3		
	S/F following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required				
	i. 5/6 amp switch	each	135		
	ii. 2 way 5/6 amp switch	each	30		
	ii. 3 pin 5/6 amp socket outlet	each	60		
	iii. 15/16 amp switch	each	45		
	iv. 6 pin 15/16 amp socket outlet	each	35		
	v. TV antenna socket outlet	each	14		
	vii. Tel. socket unit	each	7		

5	Supplying and fixing 5 amps to 32 amps rating, 240 volts, 'B' series, miniature circuit breaker suitable for lighting and other loads of following poles in existing MCB DB complete with connections, testing and commissioning etc. as required				
	single pole	each	45		
6	Supplying and fixing following rating, double pole, 240 volts, isolater in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	40 amps	each	15		
7	S/F follollowing way, three pole and neutral prewired, sheet steel, MCB distribution board, 415 volts, on surface/ recess, complete with loose wire box, terminal blocks duly prewired with suitable size FR PVC insulated copper conductor upto terminal blocks, tinned copper busbar,neutral link, earth bar, dinbar, detouchable gland plate, interconnections, phosphatized and powder painted including earthing etc. as required. (But without MCB/RCCb/Isolator) 16 way double door	each	3		
8	S/F stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. req.	each	16		
9	S/F modular blanking plate on the existing modular plate & switch box excluding modular plate req.	each	80		
10	S/F of CFL Tube Holders	each	30		
11	Supply, Installation, testing, commissioning of ceiling fans includes supply of necessary fixing material & hardware: - a) 48" size Crompton make or appd. Equal	each	16		
12	Supply, Installation, testing, commissioning of water geysers includes supply of necessary fixing material & hardware: - a) 25 liters Crompton make or appd. Quality	each	13		
13	Supply, Installation , testing, commissioning of T-5 tube light with complete fitting includes supply of necessary fixing material & hardware:- 28 watts Philips or surya make	each	22		

14	Supply, Installation , testing, commissioning of exhaust fans includes supply of necessary fixing material & hardware:- Crompton make				
	a)-12" exhaust fan in kitchen	each	1		
15	Supply & fixing of decorative mirror light (2X11W) CFL's- Philips make with all fittings and fixtures as per the direction of EIC	each	25		
16	S/F Modular bell push, ISI marked	each	14		
17	Supply & fixing of 18 watt CFL's- Philips make	each	30		
18	Metal box for DP MCB for AC's	each	15		
	Grand Total (inclusive of all taxes excluding service tax as applicable)				