

**MISHRA DHATU NIGAM LIMITED
P.O.KANCHANBAGH, HYDERABAD**

Part-II (PRICE BID)

**CIVIL WORKS IN EXTENSION OF QCL SOUTH
BLOCK, MIDHANI,
KANCHANBAGH, HYDERABAD-58.**

PURCHASE DEPARTMENT**Tender Notice No: MDN/PUR/AP2061035/ADVT/303/16-17****Date:25-02-2017****To,**

Dear Sir,

**Sub: - CIVIL WORKS FOR EXTENSION OF QCL SOUTH BLOCK, MIDHANI,
- reg**

1. Please find enclosed herewith a Tender Enquiry for the above, you are requested to furnish your offer in a sealed cover superscripting the envelope with name of work and last date of submission, along with EMD of Rs 1,25,000/- drawn in favour of MIDHANI. The tenders without EMD amount will be rejected; request for adjustment from pending bills will not be entertained. Estimated Value of work is Rs 50.00 lakhs.
2. Tender shall be submitted in tender box kept at corporate office on or before 14-03-2017 up to 10.30 hrs.
3. The period of completion of job will be 8 months from the date of handover of site. Time is essence of the contract; contractor has to mobilize materials & labour to complete within stipulated time period.
4. The tenderer shall inspect the site of work and understand the scope of work before quoting. No extra amount will be paid on account of misunderstanding either in scope of work, specification, drawings, site conditions etc.
5. All materials required for the work shall be arranged by the contractor unless until specified in Bill of Quantities.
6. The work shall be carried out as per MES-SSR-2009 specifications.
7. This is an item rate contract and the quantities are approximate, but payment will be made only on actual work done based on joint measurement.
8. 08 R. A Bills and one Final Bill will be paid. The contractor has to furnish all material bills along with each bill (if any).
9. R.A Bill will be paid within 15 days from the date of certification of Engineer-in-charge. However, Final payment will be made within 30 days after satisfactory completion of work and certification by Engineer-in-charge.
10. a) **Security Deposit (S.D)**: The successful tenderer has to submit 5% of Work order value as a security deposit in the form of D.D/ Bank Guarantee at the time of entering / signing the contract. Further, EMD deposited will be adjusted in 5% Security Deposit & the security deposited will be released after satisfactory completion of work and after certification of Engineer-In- Charge.

EMPLOYER

CONTRACTOR

- b) **Retention Money** : A sum of 5% of gross value of work order will be deducted from each running bill and final bill. The same will be released after the completion of defect liability period of 12 months and after certification of Engineer –In- Charge. Also, contractor can submit Bank Guarantee for equivalent amount in the prescribed format issued by nationalized or scheduled bank and same shall be valid for defect liability period + 3 months claim period.
11. The security and safety rules of MIDHANI to be followed. The contractor shall take care of all labour laws regarding minimum wages, ESI, PF, C.A.R. Policy, Group Insurance etc., Midhani is no way responsible in this respect. Midhani is not liable for any claim in respect of any accidents during the work.
12. (a) MIDHANI reserves the right to operate partial or delete any item specified in BOQ without any compensation to contractor for the items un-operated or deleted.
- (b) If at any time after acceptance of the tender MIDHANI feels that for any reasons whatsoever, if the whole or any part of the contract services is not required to be carried out, notice shall be given in writing of the fact to the contractor and upon receipt of such notice, the contractor shall stop the execution of such services as indicated in the notice forthwith. The contractor shall have no claim to any payment of compensation or otherwise whatsoever on account of any profit or advantage which he might have derived from the execution of the services in full, but which he did not derive in consequence of the foreclosing of the services / contract. Contractor shall be paid at contract rates for the full amount of the work executed including such additional services as may be rendered necessary by said foreclosing.
13. Any new items (viz. supply of material, labour, skilled works etc) will be paid as per (a) or (b) whichever is less:
- a) As per MES-SSR 2010 rates with applicable Percentage Index at that time.
b) As per market rate analysis.
14. The contractor should not cause any loss or damage to MIDHANI property/or personnel, if any loss or damage is caused the cost of the same will be recovered from the bills by MIDHANI, which will be final.
15. The quantities are subjected to $\pm 20\%$ variation and the contractor has to carry the work on the same rates, terms and conditions within the variation limits prescribed.
16. If the contractor fails to receive the work order within a week time from the date of intimation to him or if the contractor does not start the work within 3-7 days from the date of handover of site, or if the work is abandoned / stopped without bringing proper notice to Engineer-in-charge, the contract will be terminated and balance work will be carried out at the cost and risk of contractor.
17. Liquidated Damages: - a) If the work is not completed within stipulated time, liquidated damages at 1% per week delay up to maximum of 10% total value of work will be deducted.
b) If the delays are not attributed to the contractor, the competent authority holds the right to waive off the L.D or reduce the L.D as the case may be.

18. Midhani reserves the right to penalize

- a) If the contractor fails to submit the 5% Security deposit within the stipulated period, then penalty of Rs 1000 per day maximum of 10,000.00 will be collected and further delay will empower MIDHANI to termination of contract and apply risk purchase.
- b) If the contractor fails to receive the work order within 3 days of intimation, then a penalty Rs 500 per day will be levied subjected to maximum of Rs 5000.00. Further delay will empower MIDHANI to termination of contract and apply risk purchase.
- c) Contractor has to maintain "HINDRANCE REGISTER" which is to be certified by both MIDHANI Site engineer and contractor engineer before release of final bill.
- d) Contractor has to employ qualified & experienced Graduate engineer, failing which a penalty of Rs 1000/ day will be collected up to maximum of 2,40,000.00. Deployment of engineer at site will be certified by Engineer-In-Charge.

19. The offer shall be valid for 3 months from the date of opening of tender.

20. Interested parties may attend tender opening on 14-03-2017 at 11:00 hrs.

21. Incomplete or partially filled tenders will be rejected. Also, conditional offers are liable for rejection. MIDHANI reserves the right to accept or reject any or all tenders without assigning any reasons.

22. Contractor has to maintain site record, hindrance record, record for steel, cement etc.

23. Site has to be cleaned by the contractor before handing over to MIDHANI after completing the work. The final bill will be processed only after obtaining site cleaning certificate from the Engineer-in-charge.

24. The contractor shall bear all levies, taxes including service tax, duties etc., payable or arising from/ out of by virtue of or in connection with and / or incidental to the contract or operation(s) or any other part thereof to be performed by the contractor and the contractor shall indemnify and keep indemnified MIDHANI from and against the same or any default by the contractor in the payment there of.

Yours faithfully,
For Mishra Dhatu Nigam Limited

T.Raghuram
AGM (Purchase)

DECLARATIONS: - 1) I have seen the site and understood the full scope of work, specified in tender, BOQ, drawings etc.
2) I agree to return all the documents along with this offer.

CONTRACTOR
SIGNATURE AND SEAL

P.S;- 1. All Parties shall attend pre bid meeting on 03-03-2017 at 11.00Hrs in the Purchase Department.

BOQ for Civil works in Extension of QCL south block							
Sl.No	Description of work	unit	Qty	Rate		Amount	
				Rs	Ps	Rs	Ps
1	Dismantling & disposal upto 500 mtrs						
(a)	Including taking out reinforcement in ground floors, and stacking at 50m lead.	Cu.m	50.40				
(b)	Dismantling of brick wall and Cleaning site	Cu.m	46.00				
(c)	Dismantling of windows made up of MS angles (1.50 x 2.0) Sq.m size. Including removal of glass panes and handover at CED stores	Each	4.00				
2	Earthwork in Excavation by mechanical means (hydraulic means) / manual means over area including disposal of excavated earth, lead upto 500 m from natural ground level and backfilling of soils wherever & whenever required as directed by E.I.C. Disposed earth to be leveled and neatly dressed.						
(a)	Hard soil	Cu.m	300.00				
(b)	Hard rock	Cu.m	120.00				
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering & shuttering-All work up to plinth level : PCC 1:4:8 (1 cement, 3 Sand: 4 aggregate 40mm nominal size) including curing leveling, consolidation etc.	Cu.m	47.00				
4	Providing & laying pre-cast RCC M20 Design Mix of specified grade excluding the cost of centering & shuttering all work at all levels as indicated in drawing including cost of mixing, placing, compaction, vibration, pumping, consolidation, curing complete, walls, staircase etc with 20mm & down size metal at all levels as per drawing.	Cu.m	190.00				
5	Providing & fixing Reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete. The bars shall cut to length, bent to shape required, including cranking, bending spirally for hooping for columns, hooking ends and binding with and including mild steel wire (annealed) not less 0.9mm dia or securing with clips. Thermo-Mechanically treated bars TMT Bars at all heights level.	kgs	19000.00				

6	Providing & fixing Centering & Shuttering including strutting, propping etc., & removal of form for : sides of concrete foundation, footings, bases of columns, raft and raft beams, sides and soffits (if any) of foundation and plinth beams; and similar work; vertical or to batter.	Sq.m	982.00		
7	Supply and construction of Random Rubble Stone masonry in CM (1:6) prop: (Cement: Sand) hard granite stone carted from approved quarry including cost and conveyance of all materials like cement, sand, water, stones etc., from approved quarry to site and including, charges, sales & other taxes on all materials including bond stone of 24x24 x39cm, labour for cutting stone to required size and shape, mixing, of cement, mortar, construction, curing etc., and overheads & contractors profit complete for finished item of work in foundation and basement.	Cu.m	22.00		
8	Providing & construction Brick work with Second class bricks locally available best quality bricks of class designation not less than 35 in superstructure above plinth level up to in all shapes and sizes in Cement mortar 1:6 (1 cement : 6 coarse sand) at all heights and levels including the cost of scaffolding etc.				
(a)	9" wall in CM (1:6)	Cu.m	33.50		
(b)	4" wall in CM (1:4)	Cu.m	60.00		
9	Providing & Plastering in 20mm thick C.M(1:4). First coat plaster shall be 12mm in C.M(1:6) firmly applied to walls to get permanent bond and leveled with float to get plain surface & provide key to next coat. The second coat shall be 8mm in CM(1:4) firmly applied over 1st coat to get permanent bond and finished to get smooth even & fair surface at all heights and levels including the cost of wring, scaffolding etc. Cutting groves between column, beam and walls	Sq.m	751.00		
10	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., consisting of following operations: Applying and Grouting a slurry coat of neat cement using 2.75Kgs/sqm of cement admixed with proprietary water proofing compound confirming to IS: 2645 over the RCC slab including cleaning the surfaced before	Sq.m	300.00		

	treatment.				
	Laying Cement concrete using broken bricks/brick bats 25mm to 100mm size with 50% of cement mortar 1:5 (1 cement : 5 Coarse sand) admixed with proprietary water proofing compound conforming to IS:2645 over 20mm thick layer of cement mortar of 1:5 admixed				
	After two days of proper curing applying a second coat of cement slurry admixed with proprietary water proofing compound conforming to IS: 2645 finishing the surface with 20mm thick joint less cement mortar of mix 1:4 ...				
	Finishing the surface with 20mm thick joint less cement mortar of mix 1:4 admixed with proprietary water proofing compound conforming to IS:2645 and finally finishing the surface with travel with neat cement slurry and making of (300 X 300,,) square.				
11	Providing chemical waterproof treatment with Brick bat coba & chemical cement mortars to exposed RCC roof slab surfaces to required slopes mixed with – Zoriproof (100 ML Per Bag of 50 Kgs Cement) waterproofing chemical compound, laid over roof slab and brickbat coba treatment in chemical cement mortar 80 mm thick at the centre and 60 mm thick at the edges finished smooth with a floating coat of chemical mixed cement mortar as per the manufacturer specification including cost and conveyance of all materials like sand, chemical –Zoriproof (100 mL Per Bag of 50 Kgs Cement) waterproofing compound, water etc., to site, including seigniorage charges and operational, incidental, and labour charges for mixing mortar, laying, lift charges, rendering smooth curing including rounding off junctions of wall and slab etc., complete for finished item of work (with a guarantee of 10 years)	Sqm	80.00		

12	<p>Indian patent stone(IPS) flooring shall be 40 mm or of thickness specified and laid in two layers, bottom layer 32mm thick or as specified in 1 part of Portland cement, 2 parts of sand and 4 parts of crushed stone aggregate 10 mm down well graded machine mixed with not more than 5.5 gallons of water for each bag of cement and top layer 8mm thick in one part of Portland cement, 2.5 parts of selected crushed stone ships 6mm down with just enough sand maximum part to make workable mix, machine mixed with not more than 5 gallons of water. Top layer to be laid before the bottom layer has hardened. Flooring shall be laid in squares or bays as directed and each layers shall be well compacted by ramming with heavy teak wood flats. The top shall be brought to a smooth and even surface free from blemishes and finished smooth by steel trowel ling. After the concrete surface has hardened sufficiently to prevent polishing stone. The flooring shall be kept wet for seven days for curing.</p>				
	<p>Where Ironite topping is specified in the "Schedule of Quantities" the bottom layer shall be 28mm thick (instead of 1.1/4") as described above and the 12 mm thick top layer shall be mixed with Ironite as per manufacturer's specification and finished fair.</p>	Sq.m	300.00		
13	<p>Providing & Fixing Steel windows with side hung shutters including projecting type hinges with steel handle, and steel peg stay, complete with glazing bars, dovetailed or welded. Cost also includes one coat of Zinc chromate primer paint and two coats of enamel paint to the frame, providing & fixing 5mm plain glass as per instruction of Engineer-in-Charge).</p>	Sq.m	15.00		

14	Supplying and fixing T.W. flush doors with teak wood (second class) frame of finished size 65 x 125mm and 35mm thick solid core flush door shutters with both sides commercially treated film facing i.e plastic (phenol - formaldehyde) improved coating on commercial facing of shutters with internal T.W. lipping 35 x25mm all-round complete for toilet doors including cost of 6 No's holdfasts of size 200mm x 50mm x 6mm flats fabricated and fixed in CC (1:3:6) bed blocks of size 300 x 100 x 150mm including anodized aluminum hardware fittings such as 6 no's butt hinges 125 x 63 x 3.2mm, 1no's. Tower bolts 300 x 10mm and 1 no 200 x 10mm, 1 no aldop 300 x 16mm, 2 no's handles 125mm long, 1 no door stopper. (Aluminum fittings to be ISI marked).	Sq.m	11.00		
15	Providing & Painting two to three coats OBD painting, any shade . The cost includes the cost of surface preparation with single coat luppam, single coat primer, scaffolding tools, tackles etc at all heights & levels. make Asian/Berger/Nerolac	Sq.m	550.00		
16	Providing & Painting two to three coats ACE painting including surface painting any shade , the cost includes cost of surface preparation, one coat primer, scaffolding tools, tackles etc at all heights & levels.	Sq.m	500.00		
17	Providing and fixing coloured vitreous china pedestal type Water Closet (European type) with seat and lid, Dual low level white vitreous flushing cistern and C.P. flush bend with fittings & 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, also including Matching colour polypropylene seat cover with necessary C.P. brass hinges, rubber bushes etc. including two nos 15mm nb CP brass angle valve also including 15mm inlet connection with brass unions at ends also cutting and making good the walls and floors wherever required including cost and conveyance of all material to site, for finished item of work for all floors. Hindware Italian made.	Each	4.00		

18	Providing and fixing white vitreous china Large flat back lipped front urinal basin of 610 x 410 x 380 mm 1st quality as approved by Engineer -In-charge with CP brass fittings such as spreader with unions and clamps including 25mm CP concealed flush valve with isolation valve, CP brass flush bend also dome shaped waste coupling, bottle trap, union, nut 40mm dia GI waste pipe embedded in walls with suitable trap leading up to the P Trap etc. including cutting and making good walls, including cost and conveyance of all materials to site,labour charges etc., complete for finished item work. (Hindware Italian)	Each	2.00		
19	Providing & fixing non-skid ceramic tiles of over 20mm thick bed in cement mortar (1:3) including jointing & polishing in cement to match the shade of tiles. AGL/Nitco/	Sq.m	25.00		
20	Providing and fixing self design glazed ceramic coloured tiles of size 300 x 600mm (5.5mm thick) of 1st quality and of approved make for vertical faces over and inclusive of thick base plaster in cement mortar 1:3 (1 cement : 3 Coarse sand) including a floating cement slurry including grouting/filling the joints with white cement slurry mixed with matching pigment, curing, cleaning and leaving/making necessary holes for sanitary connection complete for dadoing in toilets.	Sq.m	150.00		

21	Supply & Fixing PVC doors of size 1.20 x 2.10 m with solid PVC frame of size 60mm x 30mm made out of solid PVC foam with homogeneous fine cellular structure having smooth outer integral skin with suitable metal stiffener and fixed with 100 x 8 sheet metal CSK screws and factory made solid PVC profiled panel door shutter 28mm thick with integral skin as frame and 3mm thick high pressure compact laminate on both side of approved colour as infill. The cost includes all anodized aluminum hardware fittings such as 3 no's butt hinges 125 x 63 x 3.2mm, 1no. Tower bolts 300 x 10mm and 1 no 200 x 10mm, 1 no aldop 300 x 16mm, 2 no's handles 125mm long, 1 no door stopper. (Powder coated fittings to be of ISI marked). Note: Door frame shall be water proof, termite proof, elegant and should have excellent screws holding strength to fix hinges and hold doors properly for a long life)	Sq.m	8.00		
22	Providing & fixing under Counter oval shape wash basin size 560x410mm with centre tap hole, single 15mm CP (fancy) brass Pillar Cock Long Neck including providing and fixing granite counter as per drawings. Cost also includes angle valve, supply pipe, discharge pipe, etc complete fittings	Each	4.00		
23	Providing & fixing structural steel fabrication, erection, welding for ladders, trusses, angles, using angles, tubes etc. Including cost of one coat red oxide and two coats of painting.	kgs	1000.00		
24	Providing and fixing on wall face/150 dia UPVC rain water pipes conforming to IS: 13592 Type B including jointing with seal ring confirming to IS:5382 leaving 10 mm gap for thermal expansion, Single socketed pipes for rainwater pipes including all fittings like bends, tees, shoes, etc., G.F. brackets as per requirements, the walls/ roof, slabs etc. all complete as directed by the engineer in charge.	Metre	27.00		

25	providing and fixing Chlorinated polyvinyl/ Chloride (UPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings also bends, elbows, tees, sockets, unions, plugs etc. with i/c fixing the pipe with GI 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 fixing with clamps / hangers including testing the pipelines as per specifications, cutting and making good the walls, etc all complete as per direction of Engineer in Charge.				
	Concealed work including cutting chases and making good the walls etc for I.T, Telephone, electrical etc.				
	20 mm nominal outer dia pipes	Metre	80.00		
26	Providing and fixing UPVC with 110mm dia outlet of approved make including connection of waste pipe line from wash basin with tail piece or boss tee, stainless steel grating on top of the trap of approved make etc. complete all as specified and directed	R.mt	4.00		
27	Providing and fixing Long bib cock and make as specified in list of makes all complete as per specifications. Including providing CP Brass 2 way Bib Tap of approved quality and make, conforming to IS standards etc all complete as per standard specifications, chipping walls and making good etc.	Each	4.00		
28	Providing and fixing 15mm C.P. brass pillar taps of model and as specified in the list of makes ith C.P. inlet connection with brass unions at ends, including painting of fittings and brackets, cutting and making good the walls/ floors wherever necessary all complete as per specifications also including 40mm PVC waste pipe of heavy grade with necessary pipe fittings of required length of approved make (Hindware).	Each	4.00		
29	Providing and fixing CP towel rail complete with brackets fixed to wooden cleats, with CP brass screws with concealed fitting arrangement of approved quality and make conforming to IS standard etc all complete as per standard specifications.				
	600 mm long towel rail	Each	4.00		

30	Providing and fixing health faucet of model and make as specified in list of makes all complete as per specifications. Including providing CP Brass 2 way Bib Tap of approved quality and make, conforming to IS standards etc all complete as per standard specifications.	Each	4.00		
31	providing and fixing beveled edge mirror of superior glass (of approved quality) complete with 6mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers including cost and conveyance of all materials to site and all operational, incidental labour charges etc. complete for finished item of work. Cost also including beveled edge				
	Rectangular shape 600x450mm	Each	4.00		
32	Providing and fixing vitreous china recessed soap dish holder having length of 138mm, breadth 102mm, height of 75mm including making the necessary cutouts for recessing, grouting with concealed fitting arrangements.	Each	4.00		
33	Providing and Fixing SWR pipes (200 mm dia) of Type B as per IS 13592 of approved make for soil, waste and vent pipes with solvent joints including necessary fittings like bends, tees, Y, hanger bars of required length etc, including cutting and making good masonry or concrete floor, walls and testing of pipelines, painting with paint of approved make etc. all complete.	R.MT	216.96		
34	Providing and fixing square-mouth UPVC gully trap grade 'A' complete with C.I. grating, brick masonry chamber with water tight C.I. cover with frame of 300x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design.	Each	4.00		
35	Concealed work Electrical, I.T, Telephone cables including cutting chases and making good the walls etc.	Metre	48.34		
36	Providing & fixing full way lever operated forged brass ball valve of brass body with forged brass hard chrome plated steel ball tested to a pressure not less than 10 kg / sq cm with threaded / flanged joints complete with nuts, bolts, gaskets, washers etc.				
	20 mm diameter	Each	1.00		
	32 mm diameter	Each	1.00		

37	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand), R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 (1cement :4 coarse sand : 8graded stone aggregate 40 mm nominal size), inside plastering 12mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement, and making necessary channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement all complete as per standard design.	Each	2.00		
38	Laying, jointing and testing RCC pipes (NP2 class) with collars conforming to IS:458 collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 find sand) laid to correct levels below ground in trenches upto required depth and making good the same as required including testing of joints etc. complete.				
	a) 300 mm dia R.C.C. pipe	Metre	10		
39	Construction of ground water re-charge pit 1200 mm x 1200mm in size up to 2500 mm deep with following specifications and including supplying, installation & execution of all jobs, complete as per drawings and directions of Engineer-in-Charge.	Each	1		
	Peripheral brick masonry in cement mortar 1:4 (1 cement: 4 coarse sand) with necessary 15mm thick cement plaster 1:3 neat finish. Foundation concrete 1:5:10 (150mm thick).				

	120mm thick dry stone aggregate bed (filled with boulders 150-230 mm size) over which 600 mm thick metal layer of 40 to 60mm plus 600mm thick metal layer of 15 to 20mm over and upper most layer of 300 mm with coarse sand of 3 to 5 mm as filtering media. The top 600 mm shall be left open, with RCC grated cover on top including one no UPVC 160 mm dia (6 kg/cm ²) perforated pipe with 8 mm dia perforations protected by a cowl on upper. With supplying and fixing PVC coated M.S foot rests 150mm thick R.C.C (1:2:4) slab to cover the well at top including necessary centring, shutting and reinforcement with required openings /cut-outs etc. supplying and fixing 1 Nos. 560mm dia heavy duty S.F.R.C manhole cover and frame, complete in all respects as per drawings.				
	Rate to include excavation back filling and all other materials & operations necessary for completing the job.				
40	Supply of				
	a) Skilled Labour	No.s	15		
	b) Unskilled Labour	No.s	30		
41	storm water & plinth protection				
(a)	Including taking out reinforcement in ground floors, and stacking at 50m lead.	Cu.m	22.5		
(b)	Earthwork in Excavation by mechanical means (hydraulic means) / manual means over area including disposal of excavated earth, lead upto 500 m from natural ground level and backfilling of soils wherever & whenever required as directed by E.I.C. Disposed earth to be leveled and neatly dressed.	Cu.m	225		
(c)	Supply and construction of Random Rubble Stone masonry in CM (1:6) prop: (Cement: Sand) hard granite stone carted from approved quarry including cost and conveyance of all materials like cement, sand, water, stones etc., from approved quarry to site and including, charges, sales & other taxes on all materials including bond stone of 24x24 x39cm, labour for cutting stone to required size and shape, mixing, of cement, mortar, construction, curing etc., and overheads & contractors profit complete for finished item of work in foundation and basement.	Cu.m	90		

(d)	Providing & Plastering in 20mm thick C.M(1:4). First coat plaster shall be 12mm in C.M(1:6) firmly applied to walls to get permanent bond and leveled with float to get plain surface & provide key to next coat. The second coat shall be 8mm in CM(1:4) firmly applied over 1st coat to get permanent bond and finished to get smooth even & fair surface at all heights and levels including the cost of wring, scaffolding etc. Cutting groves between column, beam and walls	Sq.m	250		
(e)	Providing and laying in position cement concrete of specified grade excluding the cost of centering & shuttering-All work up to plinth level : PCC 1:4:8 (1 cement, 3 Sand: 4 aggregate 40mm nominal size) including curing leveling, consolidation etc.	Cu.m	15		
(f)	Providing plinth protection with a bed of 100mm thick PCC (1:5:10) using 40mm size HB Granite metal and on top of PCC, 20mm thick granolithic concrete flooring with CC(1:1:2) prop. Using 6mm to 12mm size graded hard granite machine crushed metal laid monolithically already laid, in alternate panels of size not exceeding 1.5 x 1.5 mtrs and providing 5mm thick glass strips between the panels and finishing the top surface to required smoothness and slopes including grooves, thread lining as directed by the Engineer-in-charge including cost and conveyance of all materials to site including, charges, sales & other taxes on all materials and operational & incidental and labour charges like mixing of cement concrete, laying, curing, lift charges etc., and overheads & contractors profit complete including cost of CC bed for finished.	Sq.m	45		
				Total Amount in Rs.	

(In words)