

BHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM :: HYDERABAD-502032
(TOWNSHIP ADMINISTRATION)

Schedule - A Price bid

Tender Notice No.
HY/TA/OT-07/2015-16
Date: 12.10.2015, Item. No. 02

Name of work: Laying of Ceramic tile flooring and associated Civil works in Type-IV blocks in Town center in Township (418, 419, 420 & 421).

| Sl. No | Description | Qty/4 Blocks | Unit | Rate | Amount |
|--------|---|--------------|---------|---------|----------|
| | PART-A (CIVIL WORKS) | | | | |
| 1 | Dismantling and disposal up to a distance of 2 kms. Lead the following including the cost of labour, tools, transport etc. all complete all as directed by Engineer-in-charge. | | | | |
| a | PCC | 4.00 | One Cum | 488.80 | 1955.20 |
| b | Brick work | 4.00 | One Cum | 641.75 | 2567.00 |
| c | plastering in walls | 200.00 | One Sqm | 90.15 | 18030.00 |
| d | Plastering in ceilings | 200.00 | One Sqm | 90.15 | 18030.00 |
| e | sanitary fittings such as Wash Basins, Water closets, sinks etc. | 64.00 | Each | 50.00 | 3200.00 |
| f | G.I pipe 15mm/20mm/25mm dia including specials. | 400.00 | One Rmt | 10.00 | 4000.00 |
| g | cement flooring | 28.00 | One Cum | 488.80 | 13686.40 |
| 2 | Brick work in cement mortar 1:6(1cement :6 coarse sand) with FPS bricks of class designation 75 in superstructure above plinth level upto floor V level in all shapes and sizes. | 8.00 | One Cum | 3513.18 | 28105.44 |

| Sl. No | Description | Qty/4 Blocks | Unit | Rate | Amount |
|--------|--|--------------|---------|---------|-----------|
| 3 | Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:5:10 (1 Cement : 5 coarse sand : 10 graded stone aggregate 40mm nominal size of machine crushed) including curing and cost of all materials etc. complete all as directed by engineer-in-charge. | 28.00 | One Cum | 2332.47 | 65309.16 |
| 4 | Repairs to the existing doors, windows, ventilators and cup boards including frame, shutters, fittings, weldmesh, T.W beadings etc., all as directed by the Engineer-in-charge. | 120.00 | One Sqm | 144.20 | 17304.00 |
| 5 | Laying of Antiskid floor tiles 300x300mm (thickness to be specified by the manufacture) of 1 st quality conforming IS 15622 of approved make in colours such as white Ivory grey fume red brown laid on 20mm thick cement mortar 1:4(1 cement 4 coarse sand) including pointing the joints with white cement and matching pigment etc. complete. (Only Floor tile will be free issue from BHEL store) | 160.00 | One Sqm | 263.83 | 42212.80 |
| 6 (a) | Fixing 1st quality ceramic glazed wall tiles conforming to IS 15622 (thickness to be specified by the manufacture) of approved make in all colours, shades except burgundy bottle green black of any size as approved by engineer in charge in skirting risers of steps and dados over 12mm thick bed of cement including pigment of matching shade etc. complete as per drawing specification and direction of engineer in charge. (Only wall tile will be free issue from BHEL store) | 720.00 | One Sqm | 373.03 | 268581.60 |
| 6(b) | Laying of ceramic glazed floor tiles 395x395mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS 15622 of approved make in all colours shades except white Ivory, grey, gume red brown laid on over a base of cement based high polymer modified quick-set tile adhesive (water based) confirming to IS 15477 using not less than 5 kg adhesive per sqm of tile area , in average 3mm to 10 mm thick and hacking the existing surface including cost of all materials , neat finishing and jointing with coloured cement etc. complete all as directed by Engineer-in-charge. (Floor tile will be issued free of cost from BHEL store). | 1600.00 | One Sqm | 335.96 | 537536.00 |

| Sl. No | Description | Qty/4 Blocks | Unit | Rate | Amount |
|--------|--|--------------|---------|---------|-----------|
| 7(a) | Plastering in cement mortar 1:6, 20 mm thick including curing, cost of all materials etc, complete all as directed by Engineer-in-charge. | 200.00 | One Sqm | 123.63 | 24726.00 |
| 7(b) | Plastering in cement mortar 1:3, 6 mm thick including curing, cost of all materials etc, complete all as directed by Engineer-in-charge. | 200.00 | One Sqm | 79.69 | 15938.00 |
| 8 | Providing and fixing 24 mm thick factory made SINGLE/DOUBLE PVC door shutters made of styles and rails of a UPVC hollow section of size 59 x 24 mm and wall thickness 2 mm \pm 0.2 mm with inbuilt edging on both sides. The styles and rails mitred and joined at the corners by means of M.S galvanised/ plastic brackets of size 75 x 220 mm having wall thickness 1.0mm and stainless screws. The styles of the shutter reinforced by inserting galvanised M.S tube of size 20 x 20 mm and 1mm \pm 0.1 mm wall thickness. The lock rail made up of ' H ' section, a UPVC hollow section of size 100 x 24 mm and 2mm \pm 0.2 mm wall thickness fixed to the shutter styles by means of plastic/ galvanised M.S ' U ' cleats . The shutter frames 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 galvanised M.S rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. | 96.00 | One Sqm | 2190.50 | 210288.00 |
| 9(a) | Supply & Fixing well seasoned medium Indian teak wood Door/ Window / Ventilator Frames, made out of scantling of size of 75x75 mm including fixing of MS Hold fasts, 16 mm dia MS rounds spaced at the not more than 10.5 cm centre to centre, cost of all materials etc complete as directed by the Engineer-in-charge. (This includes dismantling the existing frames, brick work, PCC, cost of primer etc and making good to a neat finish etc complete including disposal of debries, at 2 KM lead.). (Door Frame will be free issue by BHEL) | 2.00 | One Cum | 7347.52 | 14695.04 |

| Sl. No | Description | Qty/4 Blocks | Unit | Rate | Amount |
|--------|---|--------------|---------|---------|----------|
| 9(b) | Supply & Fixing well seasoned medium Indian teak wood Ventilator Shutters 30mm thick fully glazed top / side hung type, glazing with 3 mm thick glass of approved quality including cost and fixing of MS fixtures, fittings and furniture of superior quality cost & application of primer etc all as directed by the Engineer-in-charge including removal and disposal, upto 2 KM lead, of existing Ventilator. | 20.00 | One Sqm | 1650.00 | 33000.00 |
| | PART-B- WATER SUPPLY AND SANITARY FITTINGS | | | | |
| 10 | Dismantling the existing nahany trap, Supplying & Fixing 76.2 mm PVC Prince / Sudhakar make nahani trap of any type with nahany jali including required jointing materials etc as per site requirements all as directed by Engineer-in-charge. | 80.00 | Each | 85.00 | 6800.00 |
| 11 | Fixing white vitreous china Orissa pattern W.C pan and white P.V.C flushing cistern with all fittings and fixtures complete including cutting and making good the walls and floors wherever required etc. complete all as directed by Engineer-in-charge. (WC pan,flush pipe and flush tank will be free issue by BHEL) | 16.00 | Each | 1320.58 | 21129.28 |
| 12 | Fixing white vitreous china pedestal type water closet (European type W.C pan) and P.V.C flushing cistern with all fittings and fixtures complete including cutting and making good the walls and floors wherever required etc. complete all as directed by engineer-in-charge. (EWC,flush pipe and flush tank will be free issue by BHEL) | 16.00 | Each | 1322.88 | 21166.08 |
| 13(a) | Fixing of GI pipes TATA/ZINDAL make (Class-B) with all necessary fittings including excavation, making holes, fixing clamps wherever necessary and repairing the holes, refilling the trenches, cost of all materials etc complete as directed for 25 mm dia (1") dia. | 200.00 | One Rmt | 243.15 | 48630.00 |
| 13(b) | Fixing of GI pipes TATA/ZINDAL make (Class-B) with all necessary fittings including excavation, making holes, fixing clamps wherever necessary and repairing the holes, refilling the trenches, cost of all materials etc complete as directed for 20 mm dia (3/4") dia. | 200.00 | One Rmt | 188.05 | 37610.00 |

| Sl. No | Description | Qty/4 Blocks | Unit | Rate | Amount |
|-----------------|--|--------------|---------|--------|-----------|
| 13 [©] | Fixing of GI pipes TATA/ZINDAL make (Class-B) with all necessary fittings including excavation, making holes, fixing clamps wherever necessary and repairing the holes, refilling the trenches, cost of all materials etc complete as directed for 15 mm dia (1/2") dia. | 200.00 | One Rmt | 161.60 | 32320.00 |
| 14 | Providing & fixing sudhakar/Prince PVC pipes of 75mm dia, rate includes dismantling of any old existing pipe, making good the joints with external specials from Nahani traps with proper slope complete all as directed by Engineer-in-charge. | 80.00 | Rmt | 124.90 | 9992.00 |
| 15 | Providing and Fixing sudhakar/Prince PVC pipes of 110mm dia, rate includes dismantling of any old existing pipe, making good the joints with external specials from P/S traps with proper slope complete all as directed by Engineer-in-charge | 40.00 | Rmt | 206.90 | 8276.00 |
| 16 | Dismantling and replacing with new ones of approved make including cost of all materials etc complete. | | | | |
| a | CP angular stop cock | 32 | Each | 205.60 | 6579.20 |
| b | CP shortbody bibcock (SEIKO DELUXE HD make) | 16 | Each | 397.50 | 6360.00 |
| c | PTMT Tap | 32 | Each | 130.00 | 4160.00 |
| d | PVC Shower dia. 15mm | 32 | Each | 112.75 | 3608.00 |
| g | G.M.Peet Valves 1" | 8 | Each | 482.00 | 3856.00 |
| h | G.M.Peet Valves 3/4" | 8 | Each | 327.00 | 2616.00 |
| | PART-C-PAINTING WORKS | | | | |
| 17 | Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade over New/old work (two or more coats) over and including priming coat with cement primer. | 4400.00 | One Sqm | 66.70 | 293480.00 |

| Sl. No | Description | Qty/4 Blocks | Unit | Rate | Amount |
|---|---|----------------|------|--------------|-------------------|
| 18 | Applying two or more coats of synthetic enamel paint of approved shade and brand to new work including scraping, cost of all materials and over an under coat of suitable shade with ordinary paint/primer of approved brand and manufacture etc., complete all as directed by Engineer-in-charge | 800.00 | Sqm | 78.80 | 63040.00 |
| | Total (Rupees Eighteen lakhs eighty eight thousand seven hundred eighty seven and paise twenty only) | | | TOTAL | 1888787.20 |
| Cement & Steel will be free issue from BHEL Stores | | | | | |
| Tender % | In words | Figures | | | |
| Excess | | | | | |
| Less | | | | | |
| Estimate | | | | | |

Notes:

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| 1 | A penalty of 0.5% of the gross value of work will be levied for every week's delay of work subject to a maximum penalty of 10% of the gross value of work. |
| 2 | The tender % age quoted by the contractor shall be inclusive of all taxes and duties other than service tax as applicable from time to time. |
| 3 | Service tax if paid by the contractor with respect to this work will be reimbursed by BHEL on production of documentary evidence for having paid the service tax by the contractor. |
| 4 | All the bills of the contractors will be cleared subject to the production of clearance certificate by the contractors in respect of compliance of all statutory requirement, issued by IR section of HR department BHEL. |
| 5 | The agency shall submit the I.R. clearance certificate for the above work and arrange to get the final bill sent to Finance within one month from the actual date of completion of work. |
| 6 | The maintenance period of the work is 12 months . The security deposit will be released after satisfactory completion of the work and after getting I.R clearance and payment of final bill. |