

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, PATNA-14

FINANCIAL BID SHEET

Sl. No.- 06 Tender Notice No.87 (C)/E-Tender/2015-16

| Sl. No. | Name of the Work | :- | Extension of Radiology Deptt. for MRI in Diagnostic Block Ground Floor East South Corner at IGIMS, Patna |
|---------|---|----|--|
| 1 | Estimated Cost (In Rs.) | :- | 18,38,539.00 |
| 2 | Earnest Money (In Rs.) | :- | 36,800.00 |
| 3 | Cost of B.O.Q. (In Rs.) | :- | 5,000.00 |
| 4 | E-tendering fee (Non Refundable) (In Rs.) | | 1,145.00 |
| 5 | Time of completion | :- | 90Days |
| 6 | 1. Date/ time for obtaining BOQ (Only on www.eproc.bihar.gov.in) | | 22/02/2016 to 15/03/2016 till 3.00 PM |
| 7 | 4. Last date/ time for submission of completed tender :- | | 15/03/2016 at 3.30 PM Documents (only on www.eproc.bihar.gov.in) (Hard Copy must be submitted in the office of Director, Igims, Sheikhpura, Patna till 3:30 pm |
| 8 | 5. Date/ place of opening of tender :- | | 18/03/2016 at 3.30 PM in Conference Hall of IGIMS, Patna |
| 9 | 6. Date/ place of opening of tender (Financial bid only on www.eproc.bihar.gov.in) | | Date of opening of price bid of technically viable tender shall be intimated only through www.eproc.bihar.gov.in and on Institute web site www.igims.org. |

SUBHEAD:-(A)-REPAIR AND PAINTING WORK

| Sl. No. | ITEM DESCRIPTION | UNIT | QUANTITY | RATE | AMOUNT |
|---------|--|-------|----------|----------|-------------|
| 1 | Demolishing brick work including stacking of serviceable material and disposal of unserviceable material within 50 meters lead:In mud mortal | cum | 5.00 | 149.80 | 749.00 |
| 2 | Boring, Providing and installing cast in situ single under reamed piles of specified diameter and length below pile cap in M-25 cement concrete, to carry a safe working load not less than specified, excluding the cost of steel reinforcement but including the cost of boring with bentonite solution and the length of the pile to be embedded in pile cap etc. all complete. (Length of pile for payment shall be measured upto to the | | | | - |
| a | 300 mm dia piles | Meter | 63 | 1,934.20 | 1,21,854.60 |
| 3 | Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete | Cum | 54.00 | 192.50 | 10,395.00 |
| 4 | Brick work with bricks of class designation 100A in foundations and plinth in : Cement mortar 1 :.4 (1 cement: 4 coarse sand). | Cum | 26.00 | 4,184.00 | 1,08,784.00 |
| 5 | Providing designation 100 A one brick flat soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification and direction of E/I, | sqm | 150.00 | 227.60 | 34,140.00 |
| 6 | Half brick masonry with bricks of class designation 100A in foundations and plinth in :Extra for half Brick masonry in superstructure above plinth level upto floor V level. | Sqm | 125.00 | 538.30 | 67,287.50 |
| 7 | Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering-All work up to plinth level: | | | | - |
| a | 1:2:4(1 Cement:3 coarse sand: 6 graded stone aggregate 20mm nominal size) | cum | 5.50 | 3,323.10 | 18,277.05 |
| 8 | Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring,shuttering,finishing and reinforcement-All work upto plinth level | | | | - |
| a | 1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20 mm nominal size) | cum | 11.00 | 3,881.20 | 42,693.20 |
| 9 | Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. upt floor five level excluding cost of centring, shuttering, finishin and reinforcement | | | | - |
| a | 1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20mm nominal size) | cum | 14.00 | 4,436.60 | 62,112.40 |
| 10 | Centring and shuttering including strutting,propping etc. and removal of form for. | | | | - |
| a | Lintels, beams, plinth bams, grids, bressumers and cantilevers | sqm | 175.00 | 251.30 | 43,977.50 |
| 11 | Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete | | | | - |
| a | Thermo-Mechanically Treated bars TMTC-500-8mm dia | kg | 767.00 | 74.40 | 57,064.80 |
| b | Thermo-Mechanically Treated bars TMTC-500-10mm dia. | kg | 635.00 | 73.10 | 46,418.50 |
| c | Thermo-Mechanically Treated bars TMTC-500-12mm dia | kg | 635.00 | 71.80 | 45,593.00 |
| 12 | Cement plaster in course sand 12 mm cement plaster of mix:1:4(1 cement :4 coarse sand) | Sqm. | 125.00 | 100.30 | 12,537.50 |
| 13 | 15 mm cement plaster on rough side of single or half brick wall of mix:1:4(1 cement: 4 coarse sand) | Sqm. | 125.00 | 116.30 | 14,537.50 |
| 14 | Extra for providing and mixing water proofing material in proportion recommended by the manufacturers12 mm cement plaster 1:3(1 cement :3 sand) | Sqm. | 250.00 | 7.50 | 1,875.00 |
| 15 | Removing dry or oil bound distemper by scrapping, sand paper and preparing the surface smooth including necessary repari scratches tec. Gmplete | Sqm | 199.07 | 5.40 | 1,074.98 |
| 16 | Applying one coat of distemper primer of approved brand and manufacture on wall surface: Distemper primer | Sqm. | 612.00 | 26.10 | 15,973.20 |
| 17 | Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work | sqm | 150.00 | 50.90 | 7,635.00 |
| 18 | With ready mixed zinc chromate yellow primer of approved brand and manufacture on steel galvanized iron/steel works | Sqm. | 100 | 21.30 | 2,130.00 |
| 19 | Painting with ready mixed paint of approved brand and manufacture in all shades to give an even shade new steel work | sqm | 100 | 60.70 | 6,070.00 |

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|------------------|---|-------|----------|----------|-------------|
| 20 | Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sqm and under including cutting the patch in proper shape and preparing and plastering the surface of the walls complete including disposal of rubbish to the dumping ground within 50 metres lead | | | | - |
| A | With cement mortar 1:4(1 cement:4 coarse sand | sqm | 200 | 150.10 | 30,020.00 |
| 21 | Providing and fixing in position collapsible steel shutters with vertical channes 20x10x2 mm and braced with flat iron diagonals 20x5 mm size with top and bottom rail of T-tron 40x40x6 mm with 40 mm dia steel pulleys complete with bots.nuts locking arrangement stoppers handies including applying a priming coat of approved steel primer. | sqm | 10.50 | 4,115.60 | 43,213.80 |
| 23 | Kota stone slabs 20 mm thick in risers of steps skirting. Dado & pillars laid on 12 mm (average (thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete. Details of cost for 10 sqm | SQM | 175.00 | 927.50 | 1,62,312.50 |
| 25 | Providing and laying Ceramic glazed floor tiles 300x300 mm (thickness to be specified by the manufacturer) of ist quality conforming to IS : 15622 of approved make in colours such as white , Ivory , Grey , Fume Red , Brown , laid on 20 mm thick Cement motar 1:4 (1 cement: 4 coarse sand) including pointing the joints with white cement and matching pigment etc., complete. | Sqm. | 26.00 | 788.60 | 20,503.60 |
| 26 | Providing and 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 12 mm thick bed of cement Motor 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 | 264.35 | 754.20 | 1,99,369.00 |
| 27 | Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete. | Sqm. | 500.00 | 76.80 | 38,400.00 |
| 28 | Painting with ready mixed paint of approved brand and manufacture in all shades to give an even shade new steel work | sqm | 100.00 | 60.70 | 6,070.00 |
| 29 | Steel work in built up tubular trusses including cutting, hoisting, fixing in position and applying a priming coar of approved steel primer, welded and bolted including special shaped washers etc. complete: 10.16.1 Hot finished welded type tubes | Kg. | 500.00 | 92.90 | 46,450.00 |
| 30 | Providing and fixing M.S. grills of requirement pattern in frames of windows etc. with M.S. flats, square or round bars etc. All complete. | kg | 1,000.00 | 91.50 | 91,500.00 |
| 31 | Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineerin-charge. The sheet shall be fixed using self drilling / self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required | Sqm. | 170.00 | 622.00 | 1,05,740.00 |
| 32 | Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+ 0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete : 12.51.1 Ridges plain (500 - 600mm) | Rmt | 40.00 | 633.90 | 25,356.00 |
| 33 | Providing and fixing flush door shulter of century board or greenply or kitply have non decorative typecore of block board 32 mm t hick including anodised aluminium butt highest with necessary screws aluminium handle, I-drope, twoer bold etc as per specification of E/S. | Sqm. | 15.00 | 2,750.92 | 41,263.80 |
| 34 | Providing and fixing 20mm thick mirror polished, machine cut for kitchen platforms, vanity counters facias and similar locatins of required size of approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement :4 coarse sand) with joints treated with white cement mixt with matching pigment once touch up | | | | - |
| | Granite black,Area of each slab over 0.2 sqm but upto 0.5 sqm Granite of any colour and shade | sqm | 2.00 | 3,319.10 | 6,638.20 |
| PHED WORK | | | | | |
| 35 | Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the | | | | - |
| 36 | 15 mm nominal outer dia Pipes | metre | 20.00 | 241.00 | 4,820.00 |
| 37 | 20 mm nominal outer dia Pipes | metre | 20.00 | 269.60 | 5,392.00 |
| 38 | Providing and fixing alluminium sliding door bolt anodised(anodic coating not less than grade AC 10 as per IS :1868) transparent or dyed to required colour and shade with nuts and screws etc. complete: 250x 16 mm | Each | 10.00 | 184.90 | 1,849.00 |
| 39 | Providing and fixing alluminium sliding tower bolt anodised(anodic coating not less than grade AC 10 as per IS :1868) transparent or dyed to required colour and shade with nuts and screws etc. complete: | | | | - |
| A | 300x10 mm | Each | 12.00 | 114.10 | 1,369.20 |
| B | 150x10 mm | Each | 12.00 | 66.00 | 792.00 |
| 40 | Providing and fixing alluminium handles anodised(anodic coating not less than grade AC 10 as per IS :1868) transparent or dyed to required colour and shade with necessary screws etc. complete100mm | Each | 12.00 | 55.80 | 669.60 |

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|----|--|------|-------|----------|-----------|
| 41 | Providing and fixing aluminium hanging floor door stopper anodised (anodic coating not less than grade AC 10 as per IS :1868) transparent or dyed to required colour and shade with necessary screws etc.complete:Twin rubber stopper | Each | 12.00 | 82.70 | 992.40 |
| 42 | Providing and fixing IS:3564 bright finished brass hydraulic door closer (best make of approved quality) with necessary accessories and screws etc. coplete | Each | 8.00 | 756.10 | 6,048.80 |
| 43 | Providing and fixing white vitreous china laboratory sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P brass waste and 40mm C.P. brass trap with necessary C.P. brass unions complete, including painting of fittings and brackets, cutting and making good the wall wherever required :Size 450x300x150 mm | Each | 5.00 | 2,158.20 | 10,791.00 |
| 44 | Providing and fixing water closet squatting pan (Indian type W.C.pan) with 100 mm sand cast Iron P or S trap, 10 litre low fixtures complete, including cutting and making good the walls and level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and floors wherever required : | | | | - |
| A | White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests | each | 2.00 | 3,035.40 | 6,070.80 |
| 45 | 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 W.C. pan with ISI marked white solid plastic seat and lid | Each | 2.00 | 2,953.50 | 5,907.00 |
| 46 | Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. 15 mm dia. nominal bore | rmt | 35.00 | 166.90 | 5,841.50 |
| 47 | Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) | | | | - |
| A | 15 mm dia nominal bore. | Each | 15.00 | 129.70 | 1,945.50 |
| B | 20 mm dia nominal bore | Each | 30.00 | 154.90 | 4,647.00 |
| 48 | Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 15 mm dia nominal bore | each | 18.00 | 497.00 | 8,946.00 |
| 49 | Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931. 15 mm dia.nominal bore. | each | 18.00 | 670.70 | 12,072.60 |
| 50 | Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete, 22 mm dia. | Each | 10.00 | 81.10 | 811.00 |
| 51 | Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts, collar and bush of approved quality and colour. | Each | 10.00 | 79.30 | 793.00 |
| 52 | Providing and fixing PTMT grating of approved quality and colour.Circular type125 mm nominal dia with 25 mm waste hole. | each | 18.00 | 61.80 | 1,112.40 |
| 53 | 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 | 8.00 | 165.60 | 1,324.80 |
| 54 | Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms | each | 8.00 | 197.00 | 1,576.00 |
| 55 | 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 wherever requireWhite Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap | Each | 4.00 | 2,120.30 | 8,481.20 |
| 56 | Providing and fixing kitchen sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P. brass waste complete, including painting the fittings and brackets, cutting and making good the walls wherever required : | | | | - |
| A | White glazed fire clay kitchen sink of size 600x450x250 mm | each | 2.00 | 2,391.20 | 4,782.40 |
| 57 | Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required | | | | - |
| A | One urinal basin with 5 litre white P.V.C. automatic flushing cistern | each | 3.00 | 2,854.40 | 8,563.20 |
| 58 | Providing and fixing on wall face unplasticised-PVC(working pressure 4 kgf per sqm) rain water pipes conforming to IS :4985 including jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion. 110 mm dia | rmt | 50.00 | 214.20 | 10,710.00 |
| 59 | Providing and fixing on wall face unplasticised-PVC(working pressure 4 kgf per sqm) rain water pipes conforming to IS :4985 including jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion. 75 mm dia | rmt | 30.00 | 127.40 | 3,822.00 |
| 60 | Providing and fixing on wall face unplasticised -PVC molded fittings/accessories for unplasticised-PVC rain water pipes conforming to (S:4985 including jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion. | | | | - |
| | Single pushfit coupler | | | | - |
| | 110 mm dia PVC | each | 15.00 | 181.20 | 2,718.00 |
| | Single tee with door | | | | - |
| | 110 x110 x110 mm dia PVC | each | 15.00 | 315.90 | 4,738.50 |
| | Single tee without door | | | | - |
| | 110 x110 x110 mm dia PVC | each | 15.00 | 265.50 | 3,982.50 |
| | Band 87.5 | | | | - |
| | 110 mm dia PVC | each | 15.00 | 173.70 | 2,605.50 |

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|--|---|------|-------|--|---------------------|
| 61 | Constructing brick masonry chamber for underground C.I. inspection chamber and bends with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg), 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 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand), finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard | each | 2 | 5,195.00 | 10,390.00 |
| 62 | Extra cost for carriage of Material | | | | - |
| | Local Sand | Cum | 54.00 | 205.29 | 11,085.66 |
| | Course Sand | Cum | 32.00 | 690.74 | 22,103.68 |
| | Stone Aggregate | Cum | 28.00 | 2018.12 | 56,507.36 |
| | Bricks | % | 25.00 | 601.67 | 15,041.75 |
| | Diff. Cost of Bricks | % | 25.00 | 1473.55 | 36,838.75 |
| | Diff. Cost of Cement | Tonn | 18.00 | 798.89 | 14,380.02 |
| GRAND TOTAL AMOUNT (A):- | | | | | 18,38,538.75 |
| PERMISSIBLE LIMIT UP TO 10% ("HIGH" OR "LOW") | | | | | |
| 1 | Total Amount of Civil WORK | | | Rs. :- | 18,38,538.75 |
| 2 | Name of the Bidder | | | :- | |
| 3 | Address of the Bidder | | | :- | |
| 4 | For Civil Work= I/we offer in Figures..... in words..... % (Percentage) High / Less/Estimated rate are mentioned in the Bill of quantity.) Note:- Percentage(%) rate applicable for only on Schedule Items | | | IN FIG. | |
| 5 | | | | IN WORDS | |
| 6 | | | | HIGH, Low, As per estimate rate | |
| | | | | Director, IGIMS, Sheikhpura, Patna - 14 | |