Bill of Quantities (BOQ)

Construction of 10 Bed Hospital in Dungeshwor RM Ward -5

IFB No.: 80106350/DRM/DLKH/COTBH/W/NCB/05/2083/084

Provisional Sum					
SL. No.	**Item Description**	**Unit**	**Quantity**	**Unit Rate (NPR)**	**Amount (NPR)**
PS.1	Insurance of works, equipment, Contractor's workmen and employees and Third party Insurance against damage to other persons and property	PS	1.00	9,60,000.00 Nine lakh sixty thousand rupees only.	9,60,000.00 Nine lakh sixty thousand rupees only.
PS.2	Lab Test and Report (Concrete M15,M20,M25, Reinforcement and other works specified by technician)	PS	1.00	1,45,000.00 One lakh forty-five thousand rupees only.	1,45,000.00 One lakh forty-five thousand rupees only.
PS.3	Built up drawing preparation	PS	1.00	1,00,000.00 One lakh rupees only.	1,00,000.00 One lakh rupees only.
	Total provisional sums				12,05,000.00 Twelve lakh five thousand rupees only.

Construction work for multi-dwelling buildings and individual houses CPV: 45211000-9 - Construction work for multi-dwelling buildings and individual houses						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.1	Earth work excavation in foundation in HARD SOIL USED 0.80 CUM. CAPACITY Hydraulic EXCAVATOR) as per specifications and instructions of the Engineer.	cum	956.0526			
1.2	Earth work excavation in foundation in hard clay & soil mixed with soft murram stone (size upto 30 cm.) including lead upto 10 mtr. & lift 1.5 mtr. as per drawings, specifications and instructions of the Engineer by manual	cum	1,408.353688			
1.3	FLAT BRICK SOLING WORK: One layer dry chimney made flat brick soling work over rammed earth or sand including proper line, level & proper slope with sand filling in gaps as per drawing, specification and instruction of the Engineer.	sqm	1,969.674175			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.4	STONE SOLING WORK: Supply, Providing and laying dry stone soling work over rammed earth in proper line, level & proper slope with sand filling in gaps as per drawing, specification and instruction of the Engineer.	cum	63.70065			
1.5	PLAIN CEMENT CONCRETE M10(1:3:6) WITH MACHINE CRUSHED AGGREGATE BY USING MACHINE : Providing and laying machine mixed Plain Cement Concrete of nominal mix 1:3:6 (1 cement : 3 sand : 6 coarse aggregate) for leveling course in foundations, floors, Apron, pathway, drain, edge wall etc in all level with machine crushed stone aggregate of approved size & quality including dewatering, ,mixing, transporting, placing, compacting, curing, with all lead (upto 30) and lift, etc. all complete as per drawings, specifications and the instructions of the Engineer.	cum	100.873643			
1.6	PLAIN CEMENT CONCRETE M15(1:2:4) WITH MACHINE CRUSHED AGGREGATE BY USING MACHINE: Providing and laying Plain Cement Concrete of nominal mix 1:2:4 (1 cement : 2 sand : 4 coarse aggregate) for leveling course in foundations, floors, Apron, pathway, drain, edge wall etc in all level with machine crushed stone aggregate of approved size & quality including dewatering, ,mixing, transporting, placing, compacting, curing, with all lead (upto 30) and lift, etc. all complete as per drawings, specifications and the instructions of the Engineer.	cum	92.018397			
1.7	PCC FOR RCC WORKS M20(1:1½:3) WITH MACHINE CRUSHED AGGREGATE BY USING MACHINE: Providing and laying Reinforced Cement Concrete of nominal mix 1:1½:3 (1 cement : 1½ sand : 3 aggregate) for Superstructure, Deck, Slab, columns, beams, Reinforced concrete walls etc. with graded machine crushed aggregate of approved size & quality in various locations and heights including transportation of concrete to site of placing, , compaction,finished to required line & level, protection & curing, with all lead (upto 30) and lift, etc. all complete as per drawings, specifications and the instructions of the Engineer.	cum	231.34212			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.8	PCC FOR RCC WORKS M25(1:1:2) WITH MACHINE CRUSHED AGGREGATE BY USING MACHINE: Providing and laying Reinforced Cement Concrete of nominal mix 1:1:2 (1 cement : 1 sand : 2 aggregate) for Superstructure, Deck, Slab, columns, beams, Reinforced concrete walls etc. with graded machine crushed aggregate of approved size & quality in various locations and heights including transportation of concrete to site of placing, , compaction,finished to required line & level, protection & curing, with all lead (upto 30) and lift, etc. all complete as per drawings, specifications and the instructions of the Engineer.	cum	1,306.134548			
1.9	STEEL REINFORCEMENT WORK: Providing and fixing in position steel reinforcement of various diameter confirming to relevant IS code in R.C.C. works including straightening, cutting, bending, binding with 20 SWG annealed wire for tying the reinforcement bars at each junctions (binding wire shall not be measured separately) including all waste and cut pieces, provision for adequate numbers of spacers,providing and placing cement mortar (1:1) cover blocks to keep the bars in intended position at all levels all complete as as per drawings, specifications and instructions of the Engineer.	MT	281.84			
1.10	FORMWORK FOR COLUMN (USING PLY WOOD): Supplying and laying centering & shuttering of various pattern formworks for column using ply wood including nails, propping, scaffolding, staging, supporting and bracing in proper plumb, sealing the joints, aligning to line and levels, base fixing and deshuttering as approved by the Engineer etc., complete at as per drawing, specifications and instructions of the Engineer.	sqm	2,211.51367			
1.11	FORMWORK FOR BEAM USING PLY WOOD): Supplying and laying centering & shuttering of various pattern formworks for beams using Ply Wood including nails, propping, scaffolding, staging, supporting and bracing in proper plumb, sealing the joints, aligning to line and levels, base fixing and deshuttering as approved by the Engineer etc., complete at as per drawing, specifications and instructions of the Engineer.	sqm	3,683.41725			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.12	FORMWORK FOR SLAB (USING STEEL PROP): Supplying and laying centering, shuttering of formworks with spcified thickness water proof ply wood & steel adjustable props for slab including nails, propping scaffolding, staging, supporting and bracing in proper lines and level, sealing the joints, aligning to line and levels including Ties, PVC Spacer, Providing openings/ cutouts/ pockets, applying deshuttering chemical, deshuttering as approved by the Engineer etc., complete at all levels as per drawing, specifications and instructions of the Engineer.	sqm	3,745.6836			
1.13	BRICK MASONARY WORK IN GROUND FLOOR(1:4 C/S): Providing and laying first class chimney fired brick one or more brick thick wall in cement mortar 1:4 (1 cement : 4 sand) in ground floor in perfect line and level including the cost of single or multi stage scaffolding, soaking bricks, curing, raking joints, provision for recesses, openings, toothing etc., all complete as per drawing, specifications and instructions of the Engineer.	cum	245.23965			
1.14	BRICK MASONARY WORK IN FIRST FLOOR(1:4 C/S): Providing and laying first class chimney fired brick one or more brick thick wall in cement mortar 1:4 (1 cement : 4 sand) in first floor in perfect line and level including the cost of single or multi stage scaffolding, soaking bricks, curing, raking joints, provision for recesses, openings, toothing etc., all complete as per drawing, specifications and instructions of the Engineer.	cum	636.59219			
1.15	SAL WOOD CHAUKHATS: Supplying and fixing in position well seasoned sal wood work for door, window and ventillation frames including levelling, scafolding, all necessary hardware fitting etc. all complete finishing as per drawing, specification & instructions of the Engineer.	cum	7.74975			
1.16	Making and fitting / fixing Plywood Panel door shutter of 38 x 100 mm size sal wood frame with 8 mm thick commercial ply on midle and 4mm thick teak ply on both sides including supply of materials, all necessary hardware fitting all complete as per approved drawing, Specification and instruction of site engineer.	sqm	325.635			

Construction work for multi-dwelling buildings and individual houses CPV: 45211000-9 - Construction work for multi-dwelling buildings and individual houses						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.17	38MMX75MMTHICK SAL WOOD FRAME WITH 4MM GLASS SHUTTER: Supplying, Making and fitting fixing of 38mmx75mm thick salwood frame with 4mm glazing shutter all complete finishing as per drawing, specification & instructions of the Engineer.	sqm	45.045			
1.18	Supplying and fitting Alluminium framed sliding doors/casement door without mosquito net (Aluminium :- Natural anodised 101mm x 45mm x 1.5mm Glass & 9mm laminated board) all complete work as per approved drawing ,specification and instruction of site engineer.	sqm	16.33			
1.19	Supplying and fitting 2 or 3 panel aluminium sliding window (87*56*1.50 mm) with top fix glass with 5mm clear glass without mosquito net,all complete work as per approved drawing ,specification and instruction of site engineer.	sqm	382.80			
1.20	12.5MM THICK PLASTER(1:3) IN CEILING: Providing and applying at all levels and shape 12.5mm thick cement plaster in Ceiling specified cement mortar 1:3(1 cement : 3 coarse sand) in all surface at all height including mixing mortar, laying in perfect line, level and plumb and finishing in regular and even surface including all necessary single or multi-stage scaffolding, threading, dusting, dripping, wetting, curing, protection, etc., all complete as per drawing , specification and instruction of the Engineer.	sqm	3,266.775			
1.21	12.5MM THICK PLASTER(1:4) ON WALL: Providing and applying at all levels and shape 12.5mm thick cement plaster in specified cement mortar 1:4(1 cement : 4 coarse sand) in all surface at all height including mixing mortar, laying in perfect line, level and plumb and finishing in regular and even surface including all necessary single or multi-stage scaffolding,threading, dusting, dripping, wetting, curing, protection, etc., all complete as per drawing , specification and instruction of the Engineer.	sqm	8,069.17815			
1.22	WALL PUTTY WORKS: Providing and applying 2mm thick plane wall putting of approved quality to the surfaces of wall and ceiling including scraping,surface preparation, scaffolding etc all complete as per drawings, specifications and instruction	sqm	8,997.3779			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.23	TWO COATS OF PLASTIC EMULSION PAINT OVER ONE COAT OF PRIMER: Providing and applying two coats of plastic emulsion painting work including scrapping, applying one coat of approved quality primer, surface preparation, scaffolding etc., all complete as per specifications and as approved by the Engineer.	sqm	9,213.8129			
1.24	TWO COAT WEATHER COAT PAINT OVER ONE COAT PRIMER: Providing and applying two coats of weather coat paint over one coat of primer including scraping, surface preparation, scaffolding etc., all complete as per specifications, instructions and as approved by the Engineer.	sqm	2,005.63525			
1.25	TWO COATS OF ENAMEL PAINT WITH PRIMER: Providing and applying two coats of first quality enamel paint with primer including scrapping, washing the surface, surface preparation, scaffolding etc as per the manufacturer's recommendations and as approved by the Engineer.	sqm	405.825			
1.26	38MM THICK (1½") 1:2:4 CEMENT CONCRETE FLOOR FINISH: Providing and laying in required line , level and pattern 38mm thick (1½") cement concrete flooring 1:2:4 (1cement : 2 coarse sand: 4 aggregate and finished top layer with floating coat of neat cement slurry as per drawings, specifications and instructions.	sqm	3,849.5568			
1.27	PUNNING WORK: Providing and laying 3 mm thick neat cement punning work as per drawing, specification and instruction of the Engineer.	sqm	179.6254			
1.28	16MM THICK MARBLE FLOORING: Providing and laying of 16 mm thick marble of required size of approved shade, colour and texure inlcluding required mortar base with rubbing and polishing all complete as per drawing, specification and instruction of the Engineer.	sqm	124.20			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.29	PORCELAIN GLAZED/ NONGLAZED TILE WORK: Providing and fixing Porcelain glazed /non glazed tile in required line, level with specified thickness approved brand in any colours, shades of any size with 1:4 cement sand mortar base as per drawing, specification and instruction of the Engineer.	sqm	1,055.067225			
1.30	Vetrified TILE FLOORING WORK: Supply, Providing and laying of Vetrified tile(Machine Made) paving work in cement sand (1:6) mortar as per drawing, specification and instruction of the Engineer.	sqm	2,260.30207			
1.31	Earth filling work in every 15-15 cm. layer with watering including lead upto 10mtr. & proper manual compaction as per drawings, specifications and instructions of the Engineer.	cum	2,282.21374			
1.32	Elastocrete cementitious elastomeric water proofing coating 2 components capacity per kg 6 sq.ft for 2 coat including supplying and applying all complete work as per approved drawing ,specification and instruction of site engineer..	sqm	1,263.43395			
1.33	STAINLESS STEEL RAILING: Supply, Providing, fabrication, fitting and fixing of stainless steel 50mm dia handrail pipe,in between 25 mm dia ss pipe 3 line ,40 mm vertical post spaced at every 2.0m apart and 75 mm baluster pipe with 900 mm height all complete	rm	394.3223			
1.34	60MMTHICK INTERLOCKING BLOCK(PLAIN): Supply, providing and laying of 60 mm thick interlocking block(Plain) over 50 mm thick Crusser stone dust in perfect line and level all complete as per drawing, specification and instruction of the Engineer.	sqm	776.40			
1.35	STONE MASONARY WORK (1:6 C/S): Providing and laying random rubble Stone masonry Works in cement mortar (1:6) including scaffolding, curing, preparation of mortar etc all complete as per drawing, specifications and instructions of the Engineer.	cum	253.51325			
1.36	Supplying, fitting, fabricationg and fixing of staircase with 4" medium post, 3*20 mm sheet, 32 mm handrail all complete	no	3.00			

Construction work for multi-dwelling buildings and individual houses
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SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1.37	Supplying and fixing prefab panel for partition wall all (75mm thick) complete as per approved drawing, Specification and instruction of site engineer.	sqm	142.1435			
1.38	Supplying and fitting of Iron Works with red oxide primer and two coats of synthetic enamel for all height as per approved drawing ,specification and instruction of site engineer.	kg	4,003.70621			
1.39	Supplying and fitting 0.5mm CGI colour sheet for Roof all complete as per approved drawing ,specification and instruction of site engineer.	sqm	103.573			
1.40	Supplying and fitting 0.45mm CGI plane sheet for ridge cover of 2 feet all complete as per approved drawing ,specification and instruction of site engineer.	rm	4.72			
1.41	Supplying , making, fixing of false ceiling with everest fibre designer board in E-grid all complete as per approved drawing, Specification and instruction of site engineer.	sqm	78.00			

Electrical apparatus for switching or protecting electrical circuits
CPV: 31210000-1 - Electrical apparatus for switching or protecting electrical circuits

SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
2.1	6 Watt Led Panel round/square light Wipro/Fiam/Philips or equivalent	Set	66.00			
2.2	12 Watt Led Surface Panel round/square light Wipro/Fiam/Philips or equivalent	Set	66.00			
2.3	18 Watt Led Surface Panel round/square light Wipro/Fiam/Philips or equivalent	Set	42.00			
2.4	Weather proof bulkhead lamp Decon or equivalent	Set	32.00			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
2.5	24 Watt Surface Pannel round/square Light Wipro/philips/Keselec or eqivalent.	Set	375.00			
2.6	Wall lamp 5 W WIPRO GARNET decorative etc all complete. Make Homedec,Decon,Fumagalli or equivalent	Set	11.00			
2.7	4' 18 Watt Led Batten Tube light Wipro/Fiam/Philips or equivalent	Set	2.00			
2.8	40 Watt Led BattenTube light Wipro/Fiam/Philips or equivalent	Set	2.00			
2.9	2'*2' 36 Watt Led Recess/Surface light Wipro/Fiam/Philips or eqvt.	Set	70.00			
2.10	5 W Mirror light WIPRO GARNET SERIES, Fumagalli,Philips or equivalent	Set	15.00			
2.11	9"exhaust fan, speed RPM 1400, Power consumption 45 W, air delivery with 850 m3/hr or eqvt.etc all complete with steel grey finish, capacitor start and run motors, pre lubricated double ball bearings, dynamically balanced impellers, single or three phase options	set	44.00			
2.12	36"exhaust fan, speed RPM 700, Power consumption 1200 W, air delivery with 25200 m3/hr , noise level 75-80 dB or eqvt.etc all complete with totally enclosed, continuously rated squirrel-cage induction motor built for 24/7 industrial operation of three phase	set	36.00			
2.13	13/\15 Amps combined S/socket flat /round pin flush type Northwest ,ABB, Siemens or eqvt. etc all complete.	Set	363.00			
2.14	25 A 3 pin round power socket shuttered including metal box of 18 SWG for AC	nos.	6.00			
2.15	32A, 3P+N+E, Trailing Protected Industrial Plug with IP67 Rating and safety protection shutter, etc. all complete.	Set	5.00			
2.16	1 gang 1, 2 way switch Northwest ,ABB, Siemens or eqvt. etc all complete	Set	61.00			

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SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
2.17	2 gang 1, 2 way switch Northwest ,ABB, Siemens or eqvt. etc all complete	Set	47.00			
2.18	3 gang 1 way switch Northwest,ABB, Siemens or eqvt. etc all complete.	Set	26.00			
2.19	4 gang 1 way switch Northwest, ABB, Siemens or eqvt. etc all complete.	Set	39.00			
2.20	6 gang 1 way switch Northwest,ABB, Siemens or eqvt. etc all complete.	Set	23.00			
2.21	8 gang 1 way switch Northwest,ABB, Simens or eqvt. etc all complete.	Set	8.00			
2.22	Junction box made of metal with cover size 6"X4" etc. all complete.	Set	96.00			
2.23	Main Distribution board 150/200 Amp Panel Board With Suitable Color,Floor mounted Double Cover, Push Type Switch with size 9"×42"×56",Geco ,Standard or Nepal made or eqvt.flush type etc all complete.	Set	1.00			
2.24	200 Amps TPN MCCB 36KA Siemens, Legrand,Ge or eqvt. for outgoing to Floor DB.	No	1.00			
2.25	160 Amps TPN MCCB 16KA Siemens, Legrand,Ge or eqvt. for outgoing to DBs.	No	1.00			
2.26	16 AMP- 63 Amps TP MCCB 16KA Siemens, Legrand,Ge or eqvt. for outgoing to DBs.	No	9.00			

Electrical apparatus for switching or protecting electrical circuits CPV: 31210000-1 - Electrical apparatus for switching or protecting electrical circuits						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
2.27	Surge Protection Device Type 1+2 Tested as per IEC 61643 Part 11:2011 with the following specifications: Nominal voltage -230V 50/60Hz and MCOV 255 V. The Surge Protection Devices shall have TOV Failsafe (L-N/N-PE) 440 V for 120 min/1200 V for 200 ms. Lightning Impulse discharge current (L-N/N-PE) - 12.5 kA/50 kA (10/350µ sec), Nominal Discharge current (L-N/N-PE) - 12.5 kA/50 kA (8/20µ sec & Max Discharge current (L-N/N-PE) - 50 kA/100 kA (8/20µ sec). Protective Elements are High Energy MOV & GDT, Protection Modes for 3 numbers of Type 1 + 2 SPD for connection between Phase and Neutral and one number of SPD between Neutral and Earth. Short-Circuit Current Rating (Isccr) – 50 kA/50 Hz. Back up fuse shall be 315 AgG/gL. Health Status Indication required in all cartridges including N to PE and Remote monitoring facility.Total Response time L-N/N-PE) < 25 ns / < 100ns, etc. all complete. Siemens, ABB, Schneider, L&T, Raycap or eqvt.	No	2.00			
2.28	Voltmeter (0-500)	No	1.00			
2.29	CT Coil	No	3.00			
2.30	Ammeter (0-500)	No	1.00			
2.31	Selector Switch	No	2.00			
2.32	Indicator With Fuse	No	3.00			
2.33	Distribution board 12 way TPN made of mild steel sheet double cover lockable With neutral and Earth Connector Geco ,Standard or Nepal made or eqvt.flush type etc all complete.	Set	9.00			
2.34	63 Amps TPN MCB 16KA Siemens, Legrand,Ge or eqvt. for outgoing to DBs.	No	9.00			
2.35	6,16 ,25 Amps. SP MCB Siemens,ABB, or eqvt.for light , power , Ac.	No	396.00			
2.36	2.5 -10 sq.mm Cable Shoe	No	321.00			

Electrical apparatus for switching or protecting electrical circuits
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SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
2.37	Distribution board 6 way TPN made of mild steel sheet double cover lockable With neutral and Earth Connector Geco ,Standard or Nepal made or eqvt.flush type etc all complete.	Set	1.00			
2.38	63 Amps TPN MCB 16KA Siemens, Legrand,Ge or eqvt. for outgoing to DBs.	No	1.00			
2.39	6 Amps. DP MCB Siemens,ABB, or eqvt.for light , power , Ac.	No	1.00			
2.40	6,16 ,25 Amps. SP MCB Siemens,ABB, or eqvt.for light , power , Ac.	No	24.00			
2.41	2.5 -10 sq.mm Cable Shoe	No	27.00			
2.42	Distribution board 12 way SPN made of mild steel sheet double cover lockable With neutral and Earth Connector Geco ,Standard or Nepal made or eqvt.flush type etc all complete.	Set	1.00			
2.43	6 Amps. DP MCB Siemens,ABB, or eqvt.for light , power , Ac.	No	1.00			
2.44	6,16 ,25 Amps. SP MCB Siemens,ABB, or eqvt.for light , power , Ac.	No	12.00			
2.45	2.5 -10 sq.mm Cable Shoe	No	2.00			
2.46	2x2.50 sq mm cu flexible wire for light & fan point in 20mm HDPE polythene pipe etc all complete.	Point	601.00			
2.47	2x4.0+1x1.50 sq.mm flexible cu wire for power point in 25mm HDPE polythene pipe etc all complete.	Point	255.00			
2.48	2x6+1x1.50 sq.mm flexible cu wire for power point in 25 HDPE polythene pipe etc all complete.	Point	5.00			
2.49	4 sq. mm, 1 core PVC, FRLS, multi-strand flexible copper cable through cable tray/trench for protective earthing, etc. all complete.	Rm	180.00			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
2.50	10 sq. mm, 1 core PVC, FRLS, multi-strand flexible copper cable through cable tray/trench for protective earthing, etc. all complete.	Rm	180.00			
2.51	25 sq. mm, 1 core PVC, FRLS, multi-strand flexible copper cable through cable tray/trench for protective earthing, etc. all complete.	Rm	90.00			
2.52	4 sq. mm, 2 core XLPE, FRLS, Un-Armored copper cable through cable tray, etc. all complete. For: Refer to cable schedule. Refer Code: IS 8130, IS 7098, IS 10810, Test report should be provided from well-renowned lab prior installation.	Rm	90.00			
2.53	10 sq. mm, 4 core XLPE, FRLS, Un-Armored copper cable through cable tray, etc. all complete. For: Refer to cable schedule. Refer Code: IS 8130, IS 7098, IS 10810, Test report should be provided from well-renowned lab prior installation.	Rm	180.00			
2.54	16sq. mm, 4 core XLPE, FRLS, Un-Armored copper cable through cable tray, etc. all complete. For: Refer to cable schedule. Refer Code: IS 8130, IS 7098, IS 10810, Test report should be provided from well-renowned lab prior installation.	Rm	90.00			
2.55	150sq. mm, 4 core XLPE, FRLS,Armored copper cable through cable tray, etc. all complete. For: Refer to cable schedule. Refer Code: IS 8130, IS 7098, IS 10810, Test report should be provided from well-renowned lab prior installation.	Rm	90.00			
2.56	11m PSC pole with complete accessories (Channels, hardware, insulators and conuductors)	nos.	2.00			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
2.57	Transformer (Transformer Works (Supply, delivery, installation, and commissioning of Transformer along with allied works as per drawing, specification and instruction all complete) 200 KVA 11000/400V, 3 Phase, 50Hz, ON/AN Colling, Core type, Copper Wound, Outdoor Distribution Transformer with low loss Distribution Transformer)	set	1.00			
2.58	11 kV Supply Intake/Transformer (Supply and installation ,testing and commissioning of double pole HT structure for 11kV supply intake with 2 nos of 11m hight steel tubular pole with necessary steel hardware as per NEA rules and specification with followings : 6 nos of 11kV pin insulators, 3 nos of 11kV disc insulators, 1 set 9kV 3-pole lightening arrestor, 1 set 11kV 3-pole Do-fuse, Necessary drop wire to connect do fuse, LA, Base frame for CT / PT and Other necessary steel hardware	set	1.00			
2.59	200 KVA,3 Phase,415V,DG Set coupled to alternated having a equivalent rating, mounted on a common base frame, complete with mannual panel , Fuel Tank, Silencer, AVM Panel, batteries , all complete acceseries Disel Generator	nos.	1.00			
2.60	Supply and installation of telephone/LAN point wiring from telephone junction box/Switch to individual point with 2 pair Cable/ Cat-6 cable through 3/4" internal dia HDPE conduit concealed as per drawing and specification along with double outlet CAT-6 LAN wall socket suitable for fitting od RJ-11 and RJ-45 Jack.(Make:cable-Finolex)(20m l3ngth per point)	nos.	38.00			
2.61	24 port Switch	nos.	3.00			
2.62	24 Port Patch pannel	nos.	6.00			
2.63	3-8 E-PBAX	nos.	5.00			

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SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
2.64	Supply laying and installation of 20 mm dia HDPE pipe for Fire Alarm point wiring with 2 x 1.5 sq mm multistranded Fire Retardent insulated cable from Fire Alram Control Panel to individual point through Repeater/ Pull box wherever mentioned as per drawing and specification	Set	77.00			
2.65	Smoke Detector (Photo)	Nos	77.00			
2.66	Manual call Point (Break Glass)	Nos	14.00			
2.67	Hooter/Alarm with Visible flasher	Nos	10.00			
2.68	4 Zone FACP	Nos	1.00			
2.69	Supply of UPS, fixing, interconnection, testing and commissioning complete r with all required mounting and fixing accessories as per drawing, Low frequency online UPS (10KVA), (3/3) phase	set	2.00			
2.70	Supply of UPS, fixing, interconnection, testing and commissioning complete r with all required mounting and fixing accessories as per drawing, Low frequency online UPS (5KVA), (3/3) phase	set	1.00			
2.71	1.5 TR Wall Mounted DC inverter Air Conditioning unit with complete installation power supply 220 v AC single phase Trane, Mitshubishi or eqvt.	set	7.00			

Electrical apparatus for switching or protecting electrical circuits
CPV: 31210000-1 - Electrical apparatus for switching or protecting electrical circuits

SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
2.72	Supply installation, interconnection, testing, and putting into the operation of earth station as per IS 3043. Complete with all fixing materials, including testing & commissioning of maintenance-free chemical earthing of Dual Pipe technology. 2 meters long with Outer dia. of 76 mm and inner dia of 38 mm with 80-100 micron galvanization. The Earthing Electrode shall be placed inside the	set	11.00			

Electrical apparatus for switching or protecting electrical circuits
CPV: 31210000-1 - Electrical apparatus for switching or protecting electrical circuits

SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
	removable perforated PVC Pipe of the required thickness, diameter, and length. Earthing electrode to be filled with the highly conductive material and shall be backfilled with Dry loose soil throughout the Electrode. 25 Kg earth enhancing compound per earth pit shall be mixed with water and poured inside the pit. The Cement concrete of 50 mm thickness shall be made above the earth pit. The Chemical compound should be tested and certified by BIS accredited laboratory. The ph value should be 7.5. This includes supply & fixing of watering pipe & strip 20x3 mm brought out up to ground level. A manhole of 250x250x300 mm shall be made for earthing pits.					

Sewage, refuse, cleaning and environmental services
CPV: 90000000-7 - Sewage, refuse, cleaning and environmental services

SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
3.1	Porcelain clay white glazed I.P.W.C. COMODE with low level glazed cistern,seat cover complete set.	set	17.00			
3.2	580 mm Porcelain clay white glaze Orissa Pan complete set	set	20.00			
3.3	Supplying & laying of Porcelain clay White glazed wash basin 50X40cm with pedestal and mixture complete set.	set	48.00			
3.4	Supplying & fixing kitchen sink stainless steel 37'' long 8'' deep with sink cock all complete set.	Nos.	7.00			
3.5	Supplying & fixing euro guard water purification set.	Nos.	7.00			
3.6	Supplying & fixing Stainless steel towel rod 1.5X45cm	set	48.00			
3.7	Supplying & fixing Chrome plated toilet paper holder with necessary accessories, jaquar or equivalent.	Nos.	37.00			

Sewage, refuse, cleaning and environmental services
CPV: 90000000-7 - Sewage, refuse, cleaning and environmental services

SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
3.8	Supplying & laying of Chrome plated soap tray recessed type jaquar,nova or eqv. with necessary accessories	Nos.	48.00			
3.9	White glazed porcelain clay corner Urinal (35×35×44)cm size set	Nos.	11.00			
3.10	Supplying & fixing PVC Grating 110 mm dia.	Nos.	55.00			
3.11	Supplying & fixing PVC floor trap 11x7.5 cm.	Nos.	55.00			
3.12	Supplying & laying of Looking Mirror Modi guard 450x600mm (18"x 24") of high quality, standard brand.	Nos.	48.00			
3.13	5kg fire extinguisher ABC type Minimax,eversafe or equivalent	Nos.	8.00			
3.14	Supplying & laying of C.P. 15mm dia Angle valve Jaquar, Nova or eqv.	Nos.	77.00			
3.15	Supplying & fixing 15mm dia. Auto Closing Bibcock with aerator jaquar, Nova or equivalent.	Nos.	85.00			
3.16	15 mm CP water spray Jaquar, Nova or Marc eqiv.	Nos.	17.00			
3.17	Supplying & fixing 2HP Electric motor Pump monoblock (crompton)	Nos.	4.00			
3.18	Supplying & fixing 15mm dia CPVC Pipe SDR 11 CTS, 28.1 kg/cm^2 (Flowguard or ISI Standard) includes fixing/laying with necessary fittings all complete.	Rm	371.85			
3.19	Supplying & fixing 20mm dia CPVC Pipe SDR 11 CTS, 28.1 kg/cm^2 (Flowguard or ISI Standard) includes fixing/laying with necessary fittings all complete.	Rm	350.00			
3.20	Supplying & fixing 25mm dia CPVC Pipe SDR 11 CTS, 28.1 kg/cm^2 (Flowguard or ISI Standard) includes fixing/laying with necessary fittings all complete.	Rm	320.00			

Sewage, refuse, cleaning and environmental services
CPV: 90000000-7 - Sewage, refuse, cleaning and environmental services

SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
3.21	Providing and fixing in position PVC pipes for soil, waste and rain water lines as per need including cutting the pipes to required length and fixing in position with PVC or MS clamps, joining pipes and fittings with rubber rings and joining solution etc. all complete as directed by site in-charge. 110Mm PVC pipe of 6 kg/cm2	Rm	505.00			
3.22	Providing and fixing in position PVC pipes for soil, waste and rain water lines as per need including cutting the pipes to required length and fixing in position with PVC or MS clamps, joining pipes and fittings with rubber rings and joining solution etc. all complete as directed by site in-charge. 75Mm PVC pipe of 6 kg/cm2	Rm	540.00			
3.23	Providing and fixing in position PVC pipes for soil, waste and rain water lines as per need including cutting the pipes to required length and fixing in position with PVC or MS clamps, joining pipes and fittings with rubber rings and joining solution etc. all complete as directed by site in-charge. 110 mm dia UPVC Y branch	Nos.	195.00			
3.24	Providing and fixing in position PVC pipes for soil, waste and rain water lines as per need including cutting the pipes to required length and fixing in position with PVC or MS clamps, joining pipes and fittings with rubber rings and joining solution etc. all complete as directed by site in-charge.110 mm dia UPVC 90 degree bend.	Nos.	80.00			
3.25	Providing and fixing in position PVC pipes for soil, waste and rain water lines as per need including cutting the pipes to required length and fixing in position with PVC or MS clamps, joining pipes and fittings with rubber rings and joining solution etc. all complete as directed by site in-charge. 75 mm dia UPVC Y branch	Nos.	52.00			
3.26	Providing and fixing in position PVC pipes for soil, waste and rain water lines as per need including cutting the pipes to required length and fixing in position with PVC or MS clamps, joining pipes and fittings with rubber rings and joining solution etc. all complete as directed by site in-charge.75 mm dia UPVC 90 degree bend.	Nos.	70.00			

Sewage, refuse, cleaning and environmental services
CPV: 90000000-7 - Sewage, refuse, cleaning and environmental services

SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
3.27	Providing and fixing in position PVC pipes for soil, waste and rain water lines as per need including cutting the pipes to required length and fixing in position with PVC or MS clamps, joining pipes and fittings with rubber rings and joining solution etc. all complete as directed by site in-charge.50 mm mm dia UPVC 90 degree bend	Nos.	50.00			
3.28	Providing and fixing in position PVC pipes for soil, waste and rain water lines as per need including cutting the pipes to required length and fixing in position with PVC or MS clamps, joining pipes and fittings with rubber rings and joining solution etc. all complete as directed by site in-charge.110 mm dia UPVC Door bend.	Nos.	55.00			
3.29	Providing and fixing in position PVC pipes for soil, waste and rain water lines as per need including cutting the pipes to required length and fixing in position with PVC or MS clamps, joining pipes and fittings with rubber rings and joining solution etc. all complete as directed by site in-charge.75 mm dia UPVC door bend.	Nos.	65.00			
3.30	Providing and fixing in position PVC pipes for soil, waste and rain water lines as per need including cutting the pipes to required length and fixing in position with PVC or MS clamps, joining pipes and fittings with rubber rings and joining solution etc. all complete as directed by site in-charge.75 mm dia UPVC pipe clip.	Nos.	56.00			
3.31	Providing and fixing in position PVC pipes for soil, waste and rain water lines as per need including cutting the pipes to required length and fixing in position with PVC or MS clamps, joining pipes and fittings with rubber rings and joining solution etc. all complete as directed by site in-charge.75 mm dia UPVC vent cowl	Nos.	34.00			
3.32	Providing and fixing in position PVC pipes for soil, waste and rain water lines as per need including cutting the pipes to required length and fixing in position with PVC or MS clamps, joining pipes and fittings with rubber rings and joining solution etc. all complete as directed by site in-charge. 110 mm dia UPVC vent cowl.	Nos.	35.00			

Sewage, refuse, cleaning and environmental services
CPV: 90000000-7 - Sewage, refuse, cleaning and environmental services

SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
3.33	Providing and fixing in position 1000 litre overhead water tank of PVC Sintex or Hilltake or equivalent including hoisting & fixing in position with inlet, outlet overflow and cleanout connections all complete with testing and ready for use as directed by site in-charge.	Nos.	7.00			
3.34	Supplying & fixing 15 mm dia CPVC Ball Valve, CTS Socket all complete.	Nos.	30.00			
3.35	Supplying & fixing 20 mm dia CPVC Ball Valve, CTS Socket all complete.	Nos.	15.00			
3.36	Supplying & fixing 25 mm dia CPVC Ball Valve, CTS Socket all complete.	Nos.	14.00			

Motorcycles, bicycles and sidecars
CPV: 34400000-1 - Motorcycles, bicycles and sidecars

SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
4.1	Supply and delivery of a brand-new 150cc-class (max. 150cc) 4-stroke, air-cooled, fuel-injected (EFI) petrol hybrid motorcycle featuring a Smart Motor Generator (SMG) power-assist with Automatic Stop & Start system, developing at least 9 kW power and 13.2 Nm torque, equipped with a minimum 5-speed gearbox, front single-channel ABS disc brake, traction control system, color TFT display, and full LED lighting with other specified by technician	no	2.00			

Printed matter and related products CPV: 22000000-0 - Printed matter and related products						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
5.1	Hoarding Board of size (10'*5') with showing master plan of Hospital and other structure	no	2.00			

Total Item Price	
VAT (13.00%)	
Grand Total	