Bill of Quantities (BOQ)

Bara kalaiya Upamahanagarapalika Waḍa No. 5 ma raheko jilla praśasana karyalaya ra kalaiya waḍa No. 5 ma raheko ramaraja (Mo.Bi. Sah) bahumukhi campus sttaronnati

IFB No.: 3370121012/IDOBARA/NCB/W/05/2083/084

Provisional Sum					
SL. No.	**Item Description**	**Unit**	**Quantity**	**Unit Rate (NPR)**	**Amount (NPR)**
PS.1	Supply and installation of project sign boards with size of 1.2X0.9 m as per specification and instruction.	PS	1.00	4,000.00 Four thousand rupees only.	4,000.00 Four thousand rupees only.
PS.2	Insurance for the loss of damage to works, plant, material, equipment property and personnel injury or death, including third party insurance as described on Condition of Contract.	PS	1.00	35,000.00 Thirty-five thousand rupees only.	35,000.00 Thirty-five thousand rupees only.
PS.3	Carry out additional tests for material and works as required and instructed by the Engineer.	PS	1.00	20,000.00 Twenty thousand rupees only.	20,000.00 Twenty thousand rupees only.
	Total provisional sums				59,000.00 Fifty-nine thousand rupees only.

Works for complete or part construction and civil engineering work CPV: 45200000-9 - Works for complete or part construction and civil engineering work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.1	SITE CLEARANCE AND LAYOUT: Clearing the site by removing the bushes, trees, concrete pavement and hard surface whatever at site up to its root depth including the layout work, marking the trench, construction of permanent reference points along each grid precisely in line and level and including construction of all necessary staff and labor facilities.	Sqm	112.00			

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1.2	EARTHWORK IN EXCAVATION: Excavation in foundations in all type of soils for foundation, trenches, footing, pits etc. to the required depth including dewatering by manual or mechanical means etc. as per specifications with machinery and equipment's, providing crossing of track, shoring, strutting, timbering and buttressing with appropriate materials and all such measures necessary to retain in position the sides of the foundation pit and including refilling the excavated material with watering, ramming, leveling the site and disposing off the surplus/unusable earth to outside the construction premises, etc. all complete as per drawings, specifications and instructions of the Engineer.	Cum	23.10			
1.3	EARTH FILLING: Earth filing in foundation and sides of foundation with approved soil obtained from the excavation at site and stacked at site or brought from outside in layer not exceeding 15 cm thick (compacted thickness) including transportation of soil, spreading in required line and level, sprinkling water, ramming, compacting with mechanical rammers, testing, etc., all complete as per drawing, specification and instructions of the Engineer.	Cum	126.22			
1.4	BRICK SOLING: Providing and soiling with brick in foundation/ floor of building as per drawings, specification and instruction of the Engineer, all complete.	Sqm	152.13			
1.5	PCC M10: 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 etc. in all level with broken stone aggregate of size not more than 25 mm of approved quality including formwork wherever necessary, dewatering, batching, mixing, transporting, placing, compacting, curing, including all lead and lift, etc. all complete as per drawings, specifications and the instructions of the Engineer.	Cum	11.39			

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1.6	PCC FOR RCC M20: Providing and laying in position machine mixed and machine vibrated cement concrete of mix 1:1.5:3 (1 cement:1.5 sand: 3 coarse aggreagate) M20 grade for reinforced cement concrete work using approved cement with 20 mm graded machine crushed stone aggregate of approved quality in various locations and heights including transportation of concrete to site of placing, compaction, finished to required line and level, protection and curing, etc. all complete as per drawings, specifications and the instructions of the Engineer.	Cum	9.01			
1.7	STEEL REINFORCEMENT: Providing and fixing in position Fe 500 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, chairs, providing and placing cement mortar (1:1) cover blocks to keep the bars in intended position at all levels all complete as per drawings, specifications and instructions of the Engineer. (Authorized lap length and for the bar length exceeding 10 meter in length shall be measured for the payment).	Kg	974.53			
1.8	FORM WORKS: Supplying and laying centering, shuttering of various pattern formworks with 19/12 mm thick water proof ply wood & steel adjustable props for all kinds of RCC works for foundations, columns, shear walls, beams, slab, staircase, lintel, sill, pergola, including nails, propping scaffolding, staging, supporting and bracing in proper lines and level, sealing the joints with heavy duty brown self adhesive tape, aligning to line and levels including Ties, PVC Spacer, Providing openings/ cutouts/ pockets, applying De-shuttering chemical, De-shuttering as approved by the Engineer etc., complete at all levels as per drawing, specifications and instructions of the Engineer.	Sqm	44.27			

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SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1.9	BRICK MASONRY WORKS (1 : 6 c/s): Providing and laying first class chimney fired brick one or more brick thick wall in cement mortar 1:6 (1 cement : 6 coarse sand) in foundation up to plinth and other specified places in all heights 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	21.80			
1.10	BRICK MASONRY WORKS (1 : 4 c/s): Providing and laying first class local chimney made brick one or more brick thick wall in cement mortar 1:4 (1 cement : 4coarse sand) in superstructure in all heights and level including the cost of single or multi stage self standing scaffolding, soaking bricks, curing, raking joints, provision for recesses, openings, toothing etc., all complete as per drawing, specifications and instructions of the Engineer.	Cum	5.12			
1.11	PLASTER WORKS: 12.50mm. Th. Cement sand plaster (1:4)work on building outer surfaces of good finish in perfect line level and plumb including grooving in plaster wherever shown in drawings including chiselling racking the joints, wetting the surface and curing the work all complete as per specification an.d construction of the consultant/engineer all complete	Sqm	293.81			
1.12	PUF PANNEL WORK: Supplying,fitting and installation of 100mm thick sandwitch Poly Urethane foam (PUF) wall panel with all accessories all complete as per instruction of Engineer.	Sqm	185.98			
1.13	METAL WORKS: Providing, fixing and fibracating MS steel section and its accessories specified size and thickness with 2 coats red oxide painted and necessary anchor & other bolts fittings all complete works as instruction and specification of the Engineer.	Kg	1,617.00			
1.14	TRUSS WORKS: Providing, fixing and fibracating MS steel truss and its accessories specified size and thickness with 2 coats red oxide painted and necessary bolts fittings all complete works as instruction and specification of the Engineer.	Kg	3,165.37			

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SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1.15	CGI SHEET ROOFING: Roofing with 0.45 mm thick Color CGI sheet roofing Sheet with self tapping screw at truss roof as per drawing and instruction, all complete.	Sqm	359.50			
1.16	RIDGE COVER: Roofing with 0.45 mm thick Color Plain sheet ridge cover with self tapping screw at truss roof as per drawing and instruction, all complete.	Rm	37.00			
1.17	GUTTER WORK: Supplying, preparing and installing of gutter from 0.50mm colour plain sheet of 150mm width with (40*3) mm of metal bracket and necessary nut bolt & washer as per specification and instruction of engineer all complete work.	Rm	74.00			
1.18	PLANE SHEET WORK: Covering with 0.45 mm thick Color Plain sheet with self tapping screw at truss side face as per drawing and instruction, all complete.	Sqm	22.51			
1.19	PVC PIPE WORK: Supply and installation of 3" PVC pipe for connecting rain water and waste water from gutter and manhole to swear line all complete finishing as per instructed by engineer.	Rm	40.00			
1.20	MARBLE WORKS: Supplying and laying 16mm marble in 1:3 cement mortar including moulding and polish work, all complete as per drawing, specification and instructions of the Engineer.	Sqm	6.90			
1.21	TILE WORKS: Providing and laying porcelain glazed floor/wall tiles (600X600mm) of approved size, color, and pattern in 1:4 cement-sand mortar bed, including surface preparation, alignment, jointing, grouting, curing, and cleaning all complete with skirting as per specifications and the Engineer's instructions.	Sqm	166.62			
1.22	DOOR SHUTTER WORKS : Providing and fitting door shutter with 38mmmm agrakh wood dila khapa, all complete as per drawing, specifications and instructions of the Engineer.	Sqm	4.41			

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1.23	WINDOW SHUTTER WORKS : Providing and fitting window shutter with 4mm glass (38mmX75mm) agrakh wood frame, all complete as per drawing, specifications and instructions of the Engineer.	Sqm	18.72			
1.24	UPVC DOOR: Providing and fixing in position UPVC100X60mmThickness white colour swing door with 9mm glass & 5mm pannel all complete as per drawing, specifications and instructions of the Engineer.	Sqm	7.59			
1.25	UPVC WINDOW: Providing and fixing in position UPVC80*50mmThickness white colour sliding windows with 5mm glass pannel all complete	Sqm	20.52			
1.26	METAL GRILL: Providing and fitting window metal grill (3X20mm) , sanding and redoxide paint, all complete as per drawing, specifications and instructions of the Engineer.	Sqm	39.24			
1.27	ENAMEL PAINT: Appling and laying two coat Enamel with primer as directed by site incharge all complete work.	Sqm	27.54			
1.28	EMULSION PAINT: Appling and laying Ready made two coats of plastic emulsion paint. (With one coat primer) as directed by site incharge all complete work.	Sqm	244.97			
1.29	IRON COLLAPSIBLE GATE : Providing and fibrication of collapsible gate including one coat red oxide primer all complete as per drawing, specifications and instructions of the Engineer.	Sqm	7.26			

Total Item Price	
VAT (13.00%)	
Grand Total	