Bill of Quantities (BOQ)

Bhautik Purwaadhar Nirman,Ro plant Installation & Painting Work

IFB No.: 3500055015/01-SDDO/NCB-083/084

Provisional Sum

SL. No.	Item Description	Unit	Quantity	Unit Rate (NPR)	Amount (NPR)
PS.1	Provide and installation of Project information board all complete as per instructions of Site Engineer	PS	1.00	1,999.40 One thousand nine hundred ninety-nine rupees and forty paisa only.	1,999.40 One thousand nine hundred ninety-nine rupees and forty paisa only.
PS.2	Carry out additional Laboratory Tests of construction materials as recommended by Site Engineer as per detail specifications	PS	1.00	15,000.00 Fifteen thousand rupees only.	15,000.00 Fifteen thousand rupees only.
PS.3	Insurance of works, plants, material, losses & damage to equipment's, contractor's workmen & employee as well as employer's personnel & third party insurance against damage to other persons and property for roads, buildings & park as per Conditions and Contract.	PS	1.00	30,000.00 Thirty thousand rupees only.	30,000.00 Thirty thousand rupees only.
	Total provisional sums				46,999.40 Forty-six thousand nine hundred ninety-nine rupees and forty paisa only.

Construction work
CPV: 45000000-7 - Construction work

SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1.1	Earth work in excavation in foundation in all types of soil up to the specified depth including timbering, shoring, dressing of sides, ramming of bottom dewatering in foundation if required, lifting the soil minimum 3m and stacking the soil minimum 1m and lead up to 30m as per drawing and specifications and instructions of engineer all complete. (By mechanical means)	cum	58.67			
1.2	Providing and laying stone soling & dressing up to the approved levels and line all complete as per drawing, specification and instruction of Engineer.	cum	4.71			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.3	Providing and Laying stone masonry work in Cement Sand mortar in 1:6 ratio including weep holes if necessary in perfect line and level, finishing including wetting the stone, packing the joints, and curing, all materials and labour complete as per instruction , specification and drawing.	cum	38.51			
1.4	Plain Cement Concrete (PCC) works: Concrete prepared in nominal mix M15 (1:2:4) for foundations, flooring, walls, site development etc with approved quality of cement, sand and aggregates including mixing, transporting, placing, compaction, curing etc. including cost of all materials, all complete as per specification, drawings and instruction of engineer.	cum	3.53			
1.5	Plain Cement Concrete (PCC) for RCC works: Concrete prepared in nominal mix M20 (1:1.5:3) strength concrete for foundation and other structures with approved quality of cement (ordinary portland cement), sand and aggregates including mixing, transporting, placing, compacting, curing etc. including cost of all materials and accessories, all complete as per specification, drawings and instruction of engineer. (Using mixture machine and vibrator)	cum	12.99			
1.6	Reinforcement Steel Works: Providing, straightening, cleaning, cutting, fabricating, bending and tying TMT (Fe 500) for main reinforcement bars and binding the bars with annealed wire for tying them as per design and details for all types of RCC elements including all waste and cut pieces, providing and placing cover blocks to keep the bars in the intended position at all levels etc. including cost of all materials and accessories, all complete as per specification, drawings and instruction of engineer.	kg	1,005.20			
1.7	Providing, centering and shuttering with approved waterproofing plywood for all R.C.C. beam, column, slab, foundation, Bands of any shape size and other structural works and at any level with necessary propping, scaffolding, staging, supporting, cutting holes for utilization works and removal of formwork and lead upto 30 m etc all complete as per instruction, specification and drawing of engineer.	sqm	78.86			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.8	Providing, laying & curing 12.5 mm thick cement sand (1:4) plastering on wall surface to perfect lines & level including raking the mortar joints and wetting the masonry surface The price shall include all narrow widths, for taking out joints on walls or backing concrete face for key, for making good to frames around pipes and other fittings, plastering to jambs and reveals of opening, sides of columns, window sills and proper curing as per drawing, specification and instruction of engineer.	sqm	85.00			
1.9	Providing and applying two coats or more of readymade plastic emulsion paint with one coat of primer of approved color over all interior plastered/wall putty surfaces including cleaning and wetting the surface with cost of all materials and accessories, all complete as per specifications, drawings and instruction of engineer.	sqm	1,306.91			
1.10	Providing and applying two coats or more of weather coat exterior paint over one coat of primer on all exterior plastered surfaces including cleaning and wetting the surface with cost of all materials and accessories, all complete as per specification ,drawings and instruction of engineer.	sqm	1,045.00			
1.11	3mm.th. C.S. punning(1:1) on wall, floor etc. as per specification and direction complete work as per drawings, specification and instruction of engineer.	sqm	42.50			
1.12	Providing, supply, laying, levelling, jointing of 32mm PN 16 HDPE pipe	rm	290.00			
1.13	Providing, supply, laying, levelling, jointing of 20mm PN 16 HDPE pipe	rm	300.00			
1.14	Providing, supply, laying, levelling, jointing of 20mm PN 10 UPVC pipe	rm	150.00			
1.15	Supply, delivery, installation, testing and commissioning of 1000 LPH capacity Reverse Osmosis (RO) water purification plant, complete with the following accessor	set	1.00			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.16	Supplying of 2000 litre capacity stainless steel water tank as per specified by NS mark (Hill take or equivalent)	nos	1.00			
1.17	supply, installation, testing and commissioning of 1.5 HP electric water pump, complete with necessary accessories.	nos	2.00			

Total Item Price	
VAT (13.00%)	
Grand Total	