



PRICE BID

E-TENDER NO. AO/BAM/2024-25/11

Dated 31.12.2024

**ADDITION, ALTERATION & CONSTRUCTION OF G+1 STORIED BUILDING FOR
RSETI RAYAGADA ODISHA.**

PH & SANITARY WORK

SL NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Supplying all materials, labour and T&P for fitting and fixing white glazed vitreous china porcelain Orissa pattern water closet of size 510 x 410mm of hindware make having cat no 20141 or equivalent type of approved make confirming to IS-2556 and top inlet for sinking into floor with 100mm PVC 'P/S' trap etc. including supply of necessary cement concrete for fitting the closet etc. complete in all respect in all floors including cost, conveyance and taxes of all materials etc. complete and as per PH specification and direction of Engineer-in-charge.	7.00	NOS		
2	Supplying all materials, labours, T&P for fitting and fixing white glazed vitreous china floor mounted European water closet of Hindware make having cat no 20044 or equivalent type of approved make including supply of matching P/S trap to the floor with wooden plug and chromium plated screws including jointing the trap with soil pipe in cement mortar (1:1) etc all complete including cost of WC pan, PVC seat cover with CP brass hinges and rubber buffers etc all complete including cost, taxes and conveyance as per specification including polishing etc all complete as per PH specification and direction of Engineer-in-charge.	13.00	NOS		
3	Supply all materials, labour,T&P for fitting and fixing of PVC cistern sleek essence of hindware make or equivalent type of approved make complete with all parts and internal fittings of approved make with ISI mark and supplying of necessary brackets, screws etc 32mm dia flush bend, 15mm dia 450mm long PVC water connecting pipe of jaquar make having cat no ALD 803AB with CP or brass union nuts at each end as per PH specification all complete as per direction of Engineer-in-charge.	20.00	NOS		
4	Supplying and fixing urinal of Hindware make having cat no 60011 or equivalent type of approved make with division plate of hindware make having cat no 61001 or equivalent including all fittings like 450mm long connection pipe of Jaquar make having cat no ALD 803B, 32mm dia bottle trap of essco ALE 773AL300x125 etc of approved make etc complete as per PH specification and direction of the Engineer-in-charge.	7.00	NOS		
5	Supplying all material, labour T&P and fixtures for providing and fixing of white glazed vitreous chinaware counter top wash hand basin of size 49x36cm dia of Hindware make having cat no 10051 or equivalent type of approved make with bottle trap of essco ALE 773AL300x125 with CP waste coupling nut of essco make having cat no ALE544FT and 15mm x 450mm PVC connection pipe of Jaquar make having cat no ALD 803AB with MS bracket with wooden plugs CP screws including cost of cement, sand, labour, T&P etc. complete including testing cost, conveyance, royalty and taxes of all materials etc. complete as per PH specification and direction of Engineer-in-charge.	27.00	NOS		

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6	Supplying all material, labour T&P and fixtures for providing and fixing of stain less steel sink of size 1040x510mm of NIRALI (Elegance) or equivalent type of approved make with its components like 40mm CP waste of Essco ALE 543HT, 40mm waste pipe etc, including all requisite fixing materials complete as per the PH specification and direction of Engineer-in-charge	2.00	NOS		
7	Supplying all materials, labor T&P for fitting and fixing in all floors' fixed type glass mirror of size 600mm x 450mm best INDIAN make of 5.5 mm thickness with supply of 13mm thick asbestos backing and wooden plugs C. P. Brass screw including cost, conveyance, royalty, taxes of all materials complete as per P.H. specification and direction of Engineering-in-charge.	27.00	NOS		
8	Providing and fixing C.P. Glass shelf 600mm long of Jaquar Cat. No.-ACN-1171N or equivalent type of approved make fixed to wall including cutting the wall and making good the damages, including cost of all materials complete as per PH specification and direction of Engineering-in-charge.	5.00	NOS		
9	Supplying all materials, labour, T&P and fixing standard sized CP towel rail - 18" of Essco AEC1111B or equivalent type of approved make etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification and direction of Engineering-in-charge.	27.00	NOS		
10	Supplying all materials, labour, T&P and fixing standard sized CP towel ring square of Essco AEC 1121 or equivalent etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification and direction of Engineering-in-charge.	29.00	NOS		
11	Supplying all materials, labour, T&P and fixing standard sized CP Soap case of Essco AEC 1131 or equivalent type of approved make etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification and direction of Engineering-in-charge.	49.00	NOS		
12	Supplying all materials, labour, T&P and fixing standard sized Bib cock of Essco MQT 511KN or equivalent type of approved make etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification and direction of Engineering-in-charge.	7.00	NOS		
13	Supplying all materials, labour, T&P and fixing standard sized Bib cock long body of Essco MQT 512KN or equivalent type of approved make etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification and direction of Engineering-in-charge.	18.00	NOS		
14	Supplying all materials, labour, T&P and fixing standard sized 15mm dia Angular Stop cock of Essco MQT 526KN or equivalent type of approved make etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification and direction of Engineering-in-charge.	74.00	NOS		

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15	Supplying all materials, labour, T&P and fixing standard sized 15mm dia concealed Stop cock of Essco MQT 514AKN or equivalent type of approved make etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification and direction of Engineering-in-charge.	18.00	NOS		
16	Supplying all materials, labour, T&P and fixing two way Bib cock of Essco MQT 512ANKN or equivalent type of approved make etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification and direction of Engineering-in-charge.	13.00	NOS		
17	Supplying all materials, labour, T&P and fixing health faucet of Essco ALE IVY 583 or equivalent type of approved make etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification and direction of Engineering-in-charge.	13.00	NOS		
18	Supplying all materials, labour, T&P and fixing standard sized sink cock of Essco MQT 522AKN or equivalent type of approved make etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification and direction of Engineering-in-charge.	2.00	NOS		
19	Supplying all materials, labour, T&P and fixing of 100mm dia CP overhead shower of Essco EOS 542N with arm Essco ALE 536A or equivalent etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification and direction of Engineering-in-charge.	9.00	NOS		
20	Supplying all materials, labour, T&P and fixing standard sized CP toilet paper holder of Essco AEC 1151 or equivalent type of approved make etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification and direction of Engineering-in-charge.	13.00	NOS		
21	Supplying all materials, labour, T&P and fixing standard sized grab bar of Jaquar Cat. No.-ACN1101N or equivalent type of approved make etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification and direction of Engineering-in-charge.	4.00	NOS		
22	Supplying all materials, labour, T&P and fixing standard sized tumbler holder of Essco AEC 1141N or equivalent type of approved make etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification and direction of Engineering-in-charge.	2.00	NOS		
23	Supplying all materials, labour, T&P and fixing standard sized CP robe hook of Essco AEC 1191 or equivalent type of approved make etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification and direction of Engineering-in-charge.	29.00	NOS		
24	Supplying all materials, labour, T&P and fixing standard sized CP pillar cock of Essco MQT 507KN or equivalent type of approved make etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification and direction of Engineering-in-charge.	27.00	NOS		

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25	Supplying all materials, labour, T&P and fixing standard sized push cock of Essco MVF 551 or equivalent type of approved make etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification and direction of Engineering-in-charge.	7.00	NOS		
26	Providing and fixing circular type stainless steel jalli (grating) with hole for floor /nahani trap etc complete as per PH specification and direction of the engineer in charge	34.00	NOS		
27	Supplying all materials, labours, T&P and fitting and fixing of the following size of CPVC pipe confirming to IS 15778 certification mark with socket and screw joints in walls and floors including supplying of required number of fittings of approved make including cutting threads to pipes and pipes to length, including wastage,etc for fitting to the walls with supply of holder ats, clamps, fixing wooden plugs in walls, including testing of pipe line for water tightness complete as per IS specification including cost, conveyance and taxes of all materials all complete as per PH specification and direction of Engineer-in-charge.				
a	15 mm dia	100.00	RM		
b	20 mm dia	105.00	RM		
c	25 mm dia	15.00	RM		
d	32 mm dia	43.00	RM		
e	40mm dia	50.00	RM		
f	50mm dia	40.00	RM		
28	Supplying all materials, labour, T&P, fitting and fixing UPVC SWR pipes & fittings of approved make confirming to IS-13592, both below and above ground level / floor and on walls including supply of bobbins, nains, screws, wooden cleats, pipe clips as per requirement, including earth work in excavation and fitting, including cutting walls and floor and making good the damages with cement concrete (1:2:4) with hard granite chips, including scaffolding wherever necessary all complete as per the PH specification and direction of the Engineer-in-charge.				
a	75mm dia	60.00	RM		
b	110mm dia	140.00	RM		
29	Supplying all materials, labour, T&P, fitting and fixing of UPVC SWR fittings of approved make with requisite testing etc complete as per PH specification and direction of Engineer-in-charge.				
a	110mm dia Single Junction with door	6.00	NOS		
b	110mm dia Double Junction with door	8.00	NOS		
c	110mm dia Cowl	10.00	NOS		
d	110mm dia Plain Bend	20.00	NOS		
e	110mm dia SWR Door Bend	6.00	NOS		
f	Gulley Trap	8.00	NOS		
g	110mm dia Single Tee With door	10.00	NOS		
h	110mm dia Single Junction without door	10.00	NOS		
i	110mm dia Socket plug	20.00	NOS		
j	110mm dia Clips	60.00	NOS		
k	110mm dia Coupler	10.00	NOS		
l	75mm dia Plain Bend	12.00	NOS		

SL NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
30	Supplying all materials, labour, T&P, fitting & fixing of different size UPVC Ball Valve of approved make including supply of all necessary jointing materials such as red lead paint, yarns etc. including cost, conveyance of all materials, T&P etc. all complete as per P.H. specification and direction of the Engineer-in-charge.				
a	25mm Dia	4.00	NOS		
b	32mm Dia	2.00	NOS		
c	40mm Dia	2.00	NOS		
d	50mm Dia	1.00	NOS		
31	Supplying all materials, labour, T&P, fitting & fixing of different size brass / GM Non Return Valve of approved make including supply of all necessary jointing materials such as red lead paint, yarns etc. including cost, conveyance & taxes of all materials, T&P etc. all complete as per P.H. specification and direction of the Engineer-in-charge.				
a	25mm Dia	2.00	NOS		
b	32mm Dia	2.00	NOS		
c	40mm Dia	2.00	NOS		
d	50mm Dia	1.00	NOS		
32	Supplying all materials,labours,T&P for cutting holes through existing brickwork including making good the damages in cement mortar (1:4) for taking GI pipes and fittings/PVC pipes and fittings etc all complete as per PH specification and direction of Engineer-in-charge.	26.00	NOS		
33	Supplying all materials,labours,T&P for cutting holes through existing RCC floors & roofs including making good the damages for taking GI pipes and fittings/PVC pipes and fittings etc all complete as per PH specification and direction of Engineer-in-charge.	10.00	NOS		
34	Supplying all materials,labours,T&P for cutting grooves in pucca floors and walls for taking GI/PVC pipes and making good the damages as per direction of Engineer-in-charge.	100.00	NOS		
35	Supplying all materials,labours,T&P for cutting holes through existing brickwork including making good the damages in cement mortar (1:4) for taking GI pipes and fittings/PVC pipes and fittings etc all complete as per PH specification and direction of Engineer-in-charge.	24.00	NOS		
36	Supplying all materials, labour, T&P and fittings and fixing of Poly Propylene white double layer water storage Tank of approved make confirming to IS 12701-1996 including cutting holes through the tank and fixing mild steel tubes and fittings and providing extra sockets and jam nuts, fixing ball valve etc including hoisting upto terrace level and placing the tank to the required position etc all complete as per PH specification and direction of Engineer-in-charge. (To provided with brick masonry guard walls which will be paid separately)				
	2000 ltr	2.00	NOS		

SL NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
37	Supplyng all materials, labour, T&P for construction of brick masonry Gulley trap chamber of size 300mm x 300 mm with CI gulley trap, by flyash brick masonry in CM (1:4), CP (1:3) with 150mm x 150mm CI grating including labour and materials for fitting and fixing 100mm dia square mouth CI gully trap with supply of all jointing materials and encasing the gully trap with a block of CC (1:4:8) with 25mm size hard stone metal all complete with providing and fixing of CI cover slab including cost, conveyance, taxes of all materials to site complete as per the PH specification and direction of Engineer-in-charge.	8.00	NOS		
38	Supplying all materials,labours,T&P for constructing inspection chamber of 900mmx800mmx450mm with cement concrete (1:3:6) on bed with hard granite metal size 40mm and flyash brickwork in cement mortar (1:4) in foundation and plinth, 100mm thick RCC M30 cover slab with supplying fitting and fixing of medium duty SFRC manhole cover, moulding and shaping the channel and benching with cement concrete (1:2:4) using 12mm size hg chips,12mm thick cement plaster in cement mortar (1:3) with punning to inside, cement plaster in CM (1:3) to outside the chamber including centring, shuttering, providing required quantity of MS rods and binding wires for reinforcement, bending, binding, tying the grills and placing in the proper position and drawing and design and PH specification including cost, conveyance, royalty, taxes etc for all materials as per the drawing, design and direction of Engineer-in-charge.	8.00	NOS		
39	Extra for every additional depth of 0.10mtr or part there of manhole size 900x800x450mm from 450mm to 900mm depth (data for 0.10 mtr per each)	4.00	NOS		
40	Construction of circular brick masonry manhole chamber of size 0.90 x 0.90 mtr including cement concrete (1:3:6) in bed by using 40mm size granite metal, brickwork in CM (1:4) in foundation & plinth, cement plastering (1:3) over flyash brick, plastering in CM (1:3) with neat cement punning, CC (1:2:4) over bed for benching and channeling, RCC M30 for roof slab of 150mm thick and supply fitting and fixing SFRC medium duty type cover including cost of centring and shuttering cost of MS rod for RCC work, supplying fitting and fixing of the polypropelen step iron of required interval etc all complete with all cost, conveyance, royalties taxes etc all complete as per direction of Engineer-in-charge.	4.00	NOS		
41	Extra for every additional depth of 0.10mtr or part there of manhole size 900x900mm from 1100mm to 1650mm depth (data for 0.10 mtr per each)	6.00	NOS		
42	Providing all materials, labour, T&P and laying of Centrifugally cast (spun) RCC non pressure pipes of class NP₂ with socket & spigot ends confirming to IS-458 with ISI mark in standard lengths suitable for push on joints including lowering the pipes in to trenches to required depth below G.L, with proper allignment & gradient, testing, commissioning, de-watering (if required) including Fitting & fixing rubber gasket as per IS-5382/1985 with ISI mark etc. all complete (excluding GST) as per specification & direction of EIC. (Excluding cost for earth wok, back filling which will be paid separately).				
A	150mm Dia	45.00	MTR		
B	250mm Dia	15.00	MTR		

SL NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
43	Earthwork in excavation upto 1.50mtr depth of foundation trenches for columns, basement, tie beams, walls and steps in all kinds of soil including moorum, hard stony earth, earth mixed with boulders, DI rocks etc but not requiring blasting with initial leads and lifts including dressing and leveling the bed sides up to required depth and depositing the excavated materials at places away from the work site with T&P for shoring, shuttering, dewatering if required etc. complete as per the drawing, design including cost of all labour, T&P etc. as required for the work complete as directed by the Engineer-in-charge.	62.19	CUM		
44	Filling foundation trenches and plinth with excavated earth including laying the earth in layers not exceeding 23.5cm (9") thick ramming and watering with all leads and lifts including cost of all labour, T&P etc. complete as directed by the Engineer-in-charge.	41.46	CUM		
45	Providing and laying plain cement concrete of (1:2:4) for kerb wall using 12 mm. Size black hard crusher broken granite stone chips and screened and washed sharp sand for mortar of approved quality from approved quarry, including hoisting, lowering, laying concrete, ramming, watering and curing etc. complete to required levels laid in layers not exceeding 15 cm thick in each layer including cost, conveyance, loading, unloading, royalties and taxes of all materials and cost of all labours, sundries, T & P required for the work etc complete as per the instruction of the Engineer-in-Charge.	5.95	CUM		
46	Supplying all materials,labours,T&P and constructing 1.22m dia and 2.1m depth soakway pit with precast RCC rings joined loose,gravel backing in the rear of well steining,precast RCC cover slab in cement concrete (1:2:4) using 12mm size hg chips fitted with iron lifting handles including cutting hole in the rings for inlet pipe,earthwork in open well excavation in all kinds of soil and refilling of cavity around the pit & painting the iron works, watering, curing, conveyance of all materials to worksite, payment of royalty, taxes etc all complete as per approved specification and direction of Engineer-in-charge.	1.00	NOS		
47	Supplying all materials, labour, T&P, fitting and laying in trenches PVC pipes & fittings of approved make confirming to IS-4985 and specials of the following outside diameter and classes including jointing with supply of approved solvent cement by non heat application method including testing etc complete as per the PH specification and direction of the Engineer-in-charge. (Earthwork to be measured separately)				
a	110mm Dia	35.00	MTR		
48	Supplying all labour, T&P for the Carriage of excavated earth by mechanical means of transport within 5.00 K.M. lead including hire and running charges of vehicles, labour charges for loading and unloading as required for the work etc. complete as per the direction of the Engineer-in-charge.	20.73	CUM		
TOTAL					