

SOR :Priced Part for 'Miscellaneous Civil works at BCPL plant'

Sl.No.	Item Description	UOM	Qty	Rate		Amount(INR)
				In fig	In words	
1	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : One or more coats on old work.	sqm	492			
2	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade : One or more coats on old work	sqm	4005			
3	Finishing walls with water proofing cement paint of required shade : Old work (one or more coats applied @ 2.20 kg/10 sqm) over priming coat of primer applied @ 0.80 litres/10 sqm complete including cost of Priming coat.	sqm	4002			
4	Renewing glass panes, with putty and nails wherever necessary including racking out the old putty: Float glass panes of thickness 5.5 mm	sqm	300			
5	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade : New work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	sqm	7000			
6	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	cum	30			
7	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	cum	40			
8	Centering and shuttering including strutting, propping etc. and removal of form for :Foundations, footings, bases of columns, etc. for mass concrete	cum	300			
9	Centering and shuttering including strutting, propping etc. and removal of form for :Lintels, beams, plinth beams, girders, bressumers and cantilevers	cum	300			
10	Centering and shuttering including strutting, propping etc. and removal of form for :Columns, Pillars, Piers, Abutments, Posts and Struts	cum	300			
11	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto and above plinth level.Thermo-Mechanically Treated bars	kg	8000			
12	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	cum	180			
13	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in : Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	100			

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14	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	50			
15	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level: in Cement mortar 1:4 (1 cement :4 coarse sand)	sqm	200			
16	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design& shape, laid in required colour and pattern over and including 50mmthick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.	sqm	400			
17	Providing and laying at or near ground level factory made kerb stoneof M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness ofjoints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).	cum	50			
18	Doing patch work in existing roof slab wherever necessary by laying small portions of prepacked polymer modified cemetitios mortar- Renderoc S2 of Fosroc Chemicals/Emaco S88CT of BASF as specified & directed by the Department complete after proper surface preparation(surface preparation including thorough cleaning of surface to be measured and paid seperately).	sqm	800			
19	Doing patch work in existing roof slab wherever necessary by laying scement sand mortar(prop 1:4) admixed with mortar modifier cum bonding agent Nitobond SBR of Fosroc Chemicals/Rheomix 141 of BASF/Dr. Sealkit Master Bond Latex (Asian chemicals) @ 3 ltrs per bag of cement after applying with brush a priming coat of Nitobond SBR/Rheomix 141 of BASF/Dr. Sealkit Master Bond Latex (Asian chemicals) @3.5 sqm per litre as specified & directed by the Department complete after proper surface preparation(surface preparation including thorough cleaning of surface to be measured and paid seperately)	sqm	800			
20	Providing grouting in RCC walls & slabs by drilling holes @ 300 mm c/c upto half of the wall depth in zigzag manner or as per drawings using a drill machine and fixing a nozzle of 20mm dia. For injecting a grout/grout slurry till the refusal of injected grout/grout slurry till the refusal of injected grout material from adjacent nozzle (grouting operation pressure shall be in between 2 to 4 kg per sq.cm).Followed by cutting the exposed nozzle so as to make the wall free from the grouting pipes and to seal the gap with polymer modified mortar as specified and directed by the Department complete at all levels.(a) Grout slurry of cement, water and grout admixture Cebex 100 of Fosroc Chemicals/Flowcable 50 of BASF/Dr. Sealkit NSPG(Asian Chemicals)@ 225gms per bag of cement	sqm	500			

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21	Micrograding of the area as directed to proper level, grade and camber including earthwork in excavation in all types of soils up to a maximum depth of 150mm, removing shrubs, vegetation bushes, grass etc., earth work in filling with select material from available earlier excavated soil and borrow earth (in case the select material from excavated soil is short for filling, filling shall be done with borrow earth, supply & transportaion of borrow earth shall be paid separately under relevant item) up to a maximum compacted thickness of 150mm by spreading in layers not exceeding 20cm loose thickness, watering, ramming & compacting with road roller or hand roller including hand ramming where road rollers or hand rollers are not accessible to give at least 90% of max laboratory dry density as per IS: 2720 Part -VII, including transportation, levelling, dressing, disposal of surplus earth, debris, etc. all complete as per specifications, drawings and direction of Engineer-in-Charge. (Disposal area shall be anywhere within the plant complex limit as identified by Engineer-in-Charge)	sqm	50000			
22	Services for repair and maintenance for the following items at the assigned areas by deploying sweepers as per the requirement and as directed by EIC with necessary tools and tackles with small consumable material. Scope of work: Cleaning of septic tank,traps,pipes,drains etc. disposal upto any lead.	manday	100			
23	Items purchased through vouchers for the items other than the tender items required under this contract. Note: This is Lump sump amount kept for voucher purchased during contract period. The party shall quote only the contractor's profit & overhead percentage on the voucher amount for this item which will be executed up to an amount of Rs. 4,50,000.00	LS	1.00	450000.00	Four Lacs Fifty Thousand	
	% to be quoted on SOR SI No. 23 i.e. on Rs.4,50,000.00			%	%	
24	Providing Tractor-trolley (hydraulic tipping type) including fuel, lube and operator charges for transportation of material (including earth, usable material, metallic or non-metallic scrap) from project / unit area to dump yard / scrap yard or warehouse inside or outside (up to a distance of 15 km from plant) as directed by the EIC. (Time of deployment shall be reckoned from time of machinery reporting to site to time of releasing from site)	hour	600			
25	Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m: All kinds of soil	sqm	9900			
26	Supply of HYDRA/CRANE up to 10 MT CAPACITY with Operator & required Tools and Tackles for lifting, loading, unloading, shifting of various project materials like cable drums, pipes & pipe fittings etc from various locations/unit areas and proper stacking at the designated places wthin in the premises as directed by Engineer-in-charge from time to time. (Time of deployment shall be reckoned from time of machinery reporting to site to time of releasing from site and days shall be considered as 8 Hrs working).	Days	110			
27	Hiring of Mobile toilets with two urinal bowls on mothly basis and cleaning of mobile toilets with disinfected chemicals on day to day basis	nos.	4			
28	Providing Loader/Excavator (1 cum capacity) including fuel, lube and operator charges for Grading, loading/transportation of material (including earth, usable material, metallic or non-metallic scrap) as directed by EIC. (Time of deployment shall be reckoned from time of machinery reporting at site to time of releasing from site and days shall be considered as 8 hrs working)	hour	460			

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Sl.No.	Item Description	UOM	Qty	Rate		Amount(INR)
29	Providing and applying tack coat using bitumen emulsion conforming to IS: 8887, using emulsion pressure distributor including preparing the surface & cleaning with mechanical broom. On bituminous surface @ 0.25kg/sqm	sqm	5000			
30	Painting road surface marking with adequate nos of coats to give uniform finish with ready mixed road marking paint conforming to IS : 164, on bituminous surface in white/ yellow shade, including cleaning the surface of all dirt, scales, oil, grease and foreign material etc. complete: New work (Two or more coats)	sqm	8000			
31	Providing and laying semi- dense Bituminous concrete using crushed stone aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site by tippers, laying with paver finisher equipped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction and density as per specification, complete and as per directions of Engineer-in-Charge. 25 mm compacted thickness with bitumen of grade VG-30 @ 5% (percentage by weight of total mix) and lime filler @ 2% (percentage by weight of Aggregate) prepared in Batch Type Hot Mix Plant of 100-120 TPH capacity.	sqm	5000			
32	Jungle cleaning including uprooting of vegetation, grass, brush wood, sapling & trees not exceeding 300mm girth & disposal of the same outside the periphery/specified location within plant premises, lift up to 1500mm all complete as per direction of Engineer-In-Charge for Brahmaputra Petrochemical Complex of M/s BCPL, Lepetkata (Assam)	sqm	50000			
33	Supply of Manpower (unskilled) with requisite PPEs (all categories) and tools and tackles (including shovels, chisels, hammers, wire brushes, rakes, brooms, pans, buckets, baskets, ropes, rope pulley, chain pulley block minimum 5 ton capacity, barricading tapes, etc.,) for carrying out housekeeping and miscellaneous services as specified in the scope of work section of SCC (including picking, segregating, stacking and disposing debris / scrap / rubbish / garbage / insulation waste etc., cutting grass small bushes, cleaning, sweeping, washing the unit / project area, cleaning of drains, sweeping of roads etc.) as directed by Engineer-In-Charge. Note: Minimum labour wages is to be paid as per the latest norms of office of the Chief Labour Commissioner (Central) from time to time.	manday	3000			
TOTAL (RS)						

% Service Tax Applicable
 % (Percentage) OF BASIC ORDER VALUE ON WHICH SERVICE TAX IS APPLICABLE (40% or
 60%/70%) :
 AMOUNT ON WHICH SERVICE TAX IS APPLICABLE (INR) :
 AMOUNT OF SERVICE TAX (INR) :