

NAME OF WORK- T-No- 8/SAPTI / DHRANGADHRA / CIVIL WORKS / 2021 -Works of Water Proofing of existing building , Extension of Compound wall with fencing at top , Additional Electrical & Plumbing works and other miscellaneous works At Stone Artisan Park for SAPTI , located at Dhrangadhra , Halvad By Pass Road , Dist- Surendranagar , Gujarat

PRICE BID

Item no.	Description	Qty	Unit	Rate	Amount
1	Water proofing - Providing and applying water based high solid, UV resistant hybrid polyurethane with 350 elongation for long lasting water proofing treatment in three coats which includes one coat of self priming of elastomeric water proofing liquid, two coats of undiluted elastomeric water proofing liquid dry film thickness of complete of application not less than 500 micron on existing china mosaic flooring for expeose roof which includes scrapping and properly cleaning the surface with wire brushes, removing of all loose materials, crack filling etc compelte as per EIC directions. The water proofing gaurantee should for a period of 5 years. The 10% amount will be reaintained for 5 years against the gaurantee.	2350.00	Sq. M.	0	0
2	Rain water spout - Providing, making and fixing of one side polished kota stone water spout having dimensions 0.6 x 0.35 as bottom, for 2 sides 0.55x0.20, top - 0.25x0.30 including making required size of cut out in exisiting brick wall, fixing of spout, making good all around spout with brick work, inside and out side plaster etc complete as per slect attached.	72.00	No.	0	0
3	Providing and laying controlled cement concrete M.200 (1:1.5:3) including the cost of formwork and excluding the cost of reinforcement for reinforced concrete work , with compaction and curing of concrete , with all lead lift, all labours , tools , tackles , materials, machinaries required, safety measures etc. complete up to Floor two levels etc. as directed and specified by Engineer in charge.	50.00	Cmt	0	0
4	Providing, cutting, placing of TMT Bar FE 500 , reinforcement steel of all diameter confirming relevant IS for RCC work , including bending , binding with 16 gauge enameled wire and placing in position complete up to any height, including providing of all laps and charirs etc. complete and as directed including all tools, tackles, safety measures , labors , materials , machinaries , transportain , mobilsation , de mobilisation etc. complete as directed by EIC..up to floor two level.	2.10	MT	0	0
5	Providing and laying 15 mm thick cement plaster with Cement Mortar in proportion 1:4 (1 cement: 4 Fine sand) in single coat on brick/ concrete walls for interior plastering up to floor two levels above ground level , including normal patta , groomes , roughing the RCC surface , including necessary scaffolding , curing etc. complete as directed and specified .	621.00	Smt	0	0

6	Providing and applying two coats of water proof cement paint of approved brand manufactured as per latest IS, of Snowcem , Indocem , Decocem , Colourcem , Spremcem etc. as approved by EIC , approved tint on all surface with good quality brush to give an even shade including cleaning the surface to remove all dust, dirt mortar drops and other foreign matter and oil sports , other loose surfaces including curing the rendered surfaces with necessary scaffolding/Zulla etc. completed as directed and specified at all levels. NOTE: (1)Measurement will be considered for Plan area without increasing the quantity to get the equivalent plain area for the grained/sand faced surface .	3507.00	Smt	0	0
7	Providing , fabricating and erecting in position MS structural steel , in built up sections, framed ,work by using approved makes as per IS 2062 , M.S. sections including cutting, welding, hydraulically bending, bolting, hoisting & fixing in position with all tools tackles, plants, welding m/cs, welding rods, wire ropes, lifting machineries, labours, scaffolding as per design etc. as directed including necessary civil, work & providing & applying primer coat of red lead paint and two coat of oil paint etc. complete as directed by EIC. of beams and joists , channels , angles , tees , flats with connecting plates or angle cleats as in main and cross beams , up to 25.0 meter span , 3.0 meter height , including all tools , tackles , machineries, man power, supplying , transportaion etc. complete .	2.75	MT	0	0
8	Providing and fixing concertina coil fencing with punched tape concertina coil 600 mm dia 10 metre openable length (total length 90 m), having 50 nos rounds per 6 metre length, upto 3 m height of wall with existing angle iron 'Y' shaped placed 2.4 m or 3.00 m apart and with 9 horizontal R.B.T. reinforced barbed wire, stud tied with G.I. staples and G.I. clips to retain horizontal, including necessary bolts or G.I. barbed wire tied to angle iron, all complete as per direction of Engineer-in-charge, with reinforced barbed tape(R.B.T.) / Spring core (2.5mm thick) wire of high tensile strength of 165 kg/ sq.mm with tape (0.52 mm thick) and weight 43.478 gm/ metre (cost of M.S. angle, C.C. blocks shall be paid separately)	731.00	Rmt	0	0
9	Removing of existing Barbed wire fencing having 7 to 8 raws of wire with MS angle to be remove/cut by mechanical means including all labours, tools, tackles, require scaffolding for height up to 3.0M. The removed brick / rubbles, MS angle, Barbed wire etc are to be transported & stacked as directed by EIC.	731.00	Rmt	0	0
10	Providing & Constructing Uncoursed Rubble Masonry with hard stone of approved quality in foundations, plinth & in super structure in Cement Mortar 1:6 (1- cement : 6-coarse sand including levelling up etc. complete ncluding all chiselling, Sizing with labour, tools etc With all Lead & lift scaffolding, staggng etc with Pointing work on 1:3 Cement mortar with Ruled Pointing etc complete as per instruction of EIC	276.00	Cmt	0	0
11	Providing, supplying, fixing and commissioning of Electric gysrer including of approved ISI make like cromton, bajaj etc of including transportation with all required piping, inlet-outlet connections, cables, drain pipe, with all labours, tools, tackles complete. which includes warrantee period of 12 months (I) 6 liter storage capacity	8.00	No.	0	0
12	-do- as above but for (II) 50 liter storage capacity	4.00	No.	0	0
13	Supplying and fixing of 20 watt / 24 watt LED tube light as per requirements of approved make like philips, crompton, wipro, oreva etc (1) 4' long	254.00	No.	0	0

14	(2) '- do - as above for 2' long 12 watt / 14 watt	50.00	No.	0	0
15	Providing, fixing and commissioning 50 litres/hour water purifier 5 stage of Aquaguard, Kent, etc of approved make having reverse osmosis system with 5 microns inline PP filter, Granule Active Carbon Filter, Block Active Carbon Filter, RO Membrane 100 Gpd, Post Carbon Filter with 2 Nos booster pump 100/150 Gpd etc complete	5.00	No.	0	0
16	Supply, Installation, Testing & Commissioning of Hi-wall single phase split unit AC unit of approved brand/make like. Samsung, blue star, Hitachi, mitsubishi, valtas, etc includes indoor and outdoor unit including transportation with with necessary required. copper piping ,cabling and PVC drain piping for the units with 6 mm thick nitrile rubber.- 25mm dia., first charge of gas and oil, including providing and fabricating of M S angle frame structure/ prefabricated stand, finished with enamel paint etc complete for mounting of copper condensing unit with all labours, tools, tackles etc complete as per directions of EIC. The distance between indoor & outdoor unit should be considered as 10 Rmt. (3 Star rating) 1.5 TR Capacity.	8.00	No.	0	0
17	Supply, installation, testing & commissioning of Submersible single stage single entry pumps connected to submersible motor (The motor shall be IE3 watertight according to IEC class IP 68, and incorporate class F, insulation materials to withstand a continuous operating temperature of 155 deg C) for 415 + 10% volts, 3 phase, 50 cycles A.C. power supply with mechanical seal, pump connector unit Or Auto Coupling with rubber diaphragm and bend, vertical discharge pipe,Panel mounted PLC and HMI Based multi pump controller with large graphical display with VGA 240 x 320 pixels and variable frequency drive (VFD) integrated in a Panel/Inbuilt with pump motor with IP54 class with pressure sensor transmitter (each pump each VFD), diodes to indicate pump ready, pump running and fault, both pumps at high level with cut off at dry level as determined. The pump shall be provided with a lifting devise of pull chain/guide rail & G.I. heavy class rising main of 5m length including interconnecting piping, valves (Ball Valve / Butterfly), Non return valves (GM/CI) 15 m cable etc.High level and low level sensor with motorized butterfly valve as per requirement complete in all respects.. For supplying Domestic Water up to terrace Capacity per pump - 180 LPM Head - 25 mtr Power -3 HP 1 Set (With Single VFD), Suction head - flooded positive suction Supply, Installation, testing & commissioning (Make: Kriloskar, Lubi) etc of approved make with necessary electrical connections, control panel with starter as per speccifications with all lead, lift all spares etc to commissioning of pump etc compelte as directed by EIC.	1	Set	0	0
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