

[Validate](#)[Print](#)[Help](#)[Item Rate BoQ](#)Tender Inviting Authority: **Dean (Admin)**Name of Work: **Repainting of Gas storage tank vessels, fencing, support structure etc. and other miscellaneous civil works inside and outside of Helium yard at IPR Campus, Bhat, Gandhinagar-382428.**Contract No: **IPR/TN/CIVIL/03/2024**

Name of the Bidder/ Bidding Firm / Company :	
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PRICE SCHEDULE**(DOMESTIC TENDERS - RATES ARE TO GIVEN IN RUPEES (INR) ONLY)**

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

"Note:- a) For detailed Specification, Contractor has to refer and follow Specifications Volume-I and Volume-II, 2019, CPWD (Central public works department) available on online CPWD portal (https://cpwd.gov.in/Documents/cpwd_publication.aspx) including material, workmanship, equipment's, IS code etc. All the items are including scaffolding, curing, for all leads and lifts etc. In case of non-availability of detailed specification in CPWD 2019, Specification of the same shall be executed as per clauses mentioned in GCC and / or as directed by Engineer-In-Charge, whose decision shall be final. No extra shall be payable for execution of items as mentioned in Schedule of Quantities as a result of adopting detailed specification or India Standard of relevant or Other Standards thereon. All respective items should be as per the approved make / brands / list attached in Tender document.

b) No debris shall be left over during the repair works under each item on any day. An area for 'Debris bins' will be identified on the request of contractor for collection of debris generated on day to day basis. The Debris from debris bin shall be cleared every month. The contractor must maintain adequate number of wheel borrows all the time for shifting the debris to Debris bin. If the debris lies around the building for more than 7 days, penalty @ Rs. 100/- per day shall be levied.

c) Disposal of debris, dismantled or waste material to be clear by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead up to 10 km for all lifts, complete as per directions of Engineer-in-charge. Payment of the same will be done in respective item. Permission to transport and dispose debris outside IPR campus shall be obtained by Contractor.

e) Contractor has to abide by the "Construction & Demolition" work management plan as approved by IPR, AMC & any other regulations issued by the statutory authorities in the matter from time to time & agency has to deposit Bank Guarantee/ deposit as required.

f). Contractor shall take contractor's all risk insurance policy in respect of entire scope of work for entire period of contract and submit copy of the same before commencement of the work.

g). Contractor shall take care of existing service lines and other department properties while carrying out job & if any damage is done agency shall get it repair on his own cost.

h). Contractor has to make his own arrangements for regulating the traffic on the surrounding roads by putting up necessary Road Sign boards for Diversion, Men at Work, Danger, Work in Progress, Diversions/ change of directions etc. at his own cost during execution of work as directed by the Department.

i). The contractor will be required to pay the wages to the workers employed by him on work at the rates per month per labour as per minimum wages as amended from time to time in force of minimum wages Act 1948 and as per provisions in contract conditions.

j) Contractor shall provide suitable Personal protective Equipment (PPE) to all its workmen and also follow safety regulations while working at sites.

k) The contractor must take full precautions that original brick work is not damaged while dismantling of plaster / tiles or stone cladding. In case of any damage the same shall be made good with 26g chicken wire mesh at his own cost. No separate payment for any additional thickness of plaster if any will be made. Contractor must visit site and acquaint himself with the condition of building.

l) The contractor shall provide daily report stating the nature of work done to the Engineer-in-charge or to his authorized representative daily in the format. Measurement of work done will be taken jointly and record in the registers on daily basis / weekly basis or after completion of work and signed by contractor and IPR official.

m) This work consist of repainting of gas storage tanks up to height of 15 meters. Contractor has to consider cost of scaffolding using MS frames etc. and quoted item rates are included for the same. Contractor must visit site and acquaint himself with the sequence of work to be carried out and site condition.

NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quantity	Units	RATE In Figures To be entered by the Bidder in Rs. P including GST & all taxes	TOTAL AMOUNT Including GST & all Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	7	14	15

1	<p>Providing and Applying two coats of polyurethane base paint with one coat of suitable primer on vertical gas storage vessels using 1st quality paint from approved manufacturer of approved colour and shade to give an even shade including,scaffolding, removing of rust, cleaning the surface, preparing the surface to receive paint including filling cracks and creaves with suitable putty or other approved filler materials, . cost also includes thinner, filler, putty and other materials, necessary labours, scaffolding etc. complete as directed by Engineer in charge at all heights(up to 15 meter), in all floors.</p> <p>Note:- (1) Surface area of actual painted area will be measured and paid. (2) polyurethane base paint of approved brand (3) Suitable primer for polyurethane base paint of approved brand (4) Thinner to be used as per the Manufacturer's specification</p>	item1	540.00	Sqm		0.00	INR Zero Only
2	<p>Providing and Applying two coats of chlorinated rubber paint with one coat of primer on vertical gas storage vessels using 1st quality paint from approved manufacturer of approved colour and shade to give an even shade including scaffolding, removing of rust, cleaning the surface, preparing the surface to receive paint including filling cracks and creaves with Putty or other approved filler materials, applying two coats of paint to steel work. cost also includes thinner, filler, putty and other materials, necessary labours, scaffolding etc. complete as directed by Engineer in charge at all heights(up to 15 meter), in all floors.</p> <p>Note:- (1) Surface area of actual painted area will be measured and paid. (2) Chlorinated rubber paint of approved brand (3) Suitable primer for chlorinated rubber paint of approved brand (4) Thinner to be used as per the Manufacturer's specification</p>	item2	1400.00	Sqm		0.00	INR Zero Only
3	<p>Providing and Applying two coats of Synthetic enamel paint on old doors and windows, MS members using 1st quality paint from approved manufacturer of approved colour and shade to give an even shade including scaffolding, removing of paint that is soft, blistered, loose or flanking & cleaning old surface, preparing the surface to receive paint including filling cracks and creaves with Putty or other approved filler materials, applying oil primer coats / anti corrosive zinc based yellow primer to steel work. cost also includes thinner, filler, putty, primer and other materials, necessary labours etc. complete as directed by Engineer in charge at all heights, in all floors.</p> <p>Note:- Measurements of doors and windows will be taken as per relevant IS code. Surface area of all MS Members will be taken for measurement (1) Synthetic enamel Paint of approved brand (2) Zinc based yellow Primer (3) Putty suitable to Mild steel members of approved brand (4) Putty on wood work - oil base putty</p>	item3	1650.00	Sqm		0.00	INR Zero Only

4	<p>Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.</p> <p>Note:- Removing of emulsion paint, white wash, oil paint or enamel paint for Internal wall, exterior paint on external wall (including washing), wood work, steel work etc. by sand paper, wire brush, roll paper etc. to receive fresh coat of paint is also covered under item. Rates also includes scaffolding, covering of wool pile carpet and cleaning the same by vaccum after work completion. Measurements will be done as per relevant IS Code. Complete all as directed by EIC.</p>	item4	355.00	Sqm		0.00	INR Zero Only
5	<p>Finishing walls with 100% Premium acrylic emulsion paint having VOC less than 50 gm/litre and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade (Company Depot Tinted) with silicon additives.</p> <p>New /old work (Two or more coats applied @ 1.43 litre/ 10 sqm. Over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm, complete in all respect as per the direction of Engineer-in-Charge.</p> <p>Note:- Rates includes scaffolding, surface preparation, crack opening and filling with approved filler material (filling cracks - SBR polymer with cement as per manufacturers specification). The paint coefficient will be 1.00 irrespective of applying on plain / sand face plaster / brick surface. No extra measurement will be paid for painting on rough or sand face plaster or brick surface with groove. Complete all as directed by EIC</p>	item5	290.00	Sqm		0.00	INR Zero Only
6	<p>Providing and applying white cement based putty two or more coat to achieve required finish on wall, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.</p> <p>Note:-for internal walls only, Rates includes scaffolding and sand papering of wall after putty. The thickness of putty should be 1.0 mm or more. Measurements will be done as per relevant IS Code</p>	item6	65.00	Sqm		0.00	INR Zero Only
7	<p>Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : Water thinnable cement primer</p> <p>Note:- For Internal wall only, rates includes scaffolding. Measurements will be done as per relevant IS Code. Complete all as directed by EIC</p>	item7	65.00	Sqm		0.00	INR Zero Only
8	<p>Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour In TWO coat.</p> <p>Note:- Rates includes scaffolding, crack opening and filling with approved filler material (filling cracks - SBR polymer with cement as per manufacturers specification). Measurements will be done as per relevant IS Code. Complete all as directed by EIC</p>	item8	65.00	Sqm		0.00	INR Zero Only

9	Earth work in excavation (including mix aggregate) by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil	item9	85.00	Cum		0.00	INR Zero Only
10	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 (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	item10	3.50	Cum		0.00	INR Zero Only
11	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40/20 mm nominal size derived from natural sources)	item11	2.00	Cum		0.00	INR Zero Only
12	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.Thermo-Mechanically Treated bars of grade Fe-500D or more	item12	90.00	Kg		0.00	INR Zero Only
13	Centering and shuttering including strutting, propping etc. and removal of form work for :Foundations, footings, bases for columns	item13	25.00	Sqm		0.00	INR Zero Only
14	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 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	item14	260.00	Sqm		0.00	INR Zero Only
15	Cement plaster 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement 20 mm cement plaster Note: water proofing plaster for any lead and lift. Water proofing compound material shall be paid under respective item. NOTE: Including scaffolding, curing etc	item15	30.00	Sqm		0.00	INR Zero Only
16	Providing, laying, spreading and compacting graded stone aggregate (size range 40 mm to 0.075 mm) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads & lifts, laying in uniform layers manual in sub- base / base course on well prepared surface and compacting with plate vibrator or manual compactor to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge.	item16	52.00	Cum		0.00	INR Zero Only

17	Providing and applying fibre reinforced elastomeric liquid water proofing membrane with resilient acrylic polymers having sun reflectivity index(SRI) of 105 on top of concrete roof in three coats @ 10.76 litre/10 sqm.One coat of self-priming of elastomeric waterproofing liquid(dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dry film thickness of complete application/system not less than 500 microns).The operation shall be carried out after scrapping and properly cleaning the surface to remove loose particles with wire brushes,complete in all respect as per the direction of Engineer-in-Charge.	item17	20.00	Sqm		0.00	INR Zero Only
18	Providing & Applying polymer modified, flexible cementitious negative side waterproofing coating with elastic waterproofing polymers on interior wall plaster surface in three coats @14.35 kg /10 sqm. one coat of self priming of cementitious waterproofing polymer(dilution with water in the ratio of 1:1) and two coats of cementitious waterproofing polymer (dilution with water in the ratio of 3:1) after scrapping and properly cleaning the surface to remove pre-existing paint film & loose particles till plaster is visible, complete in all respect as per the direction of Engineer-in-Charge. Note:-Rates includes scaffolding, crack opening and filling with approved filler material.	item18	10.00	Sqm		0.00	INR Zero Only
19	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge In cement mortar	item19	2.00	Cum		0.00	INR Zero Only
20	Providing welder with helper for fixing of chain linking fencing structure at suitable places and other miscellaneous work with required welding tools and tackles etc, as directed by Engineer in charge. Any Consumable material will be provided by Institute.	item20	6.00	Days		0.00	INR Zero Only
21	Disposal of moorum/building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10 km for all lifts, complete as per directions of Engineer-in-charge. Note - 1. Item to be applicable in urban areas having directions for restricted hours for movement / plying of load carrying motor vehicle of 3.5 cum or more. 2. Voids @20% for solids and 50% for rock shall be deducted from fully loaded truck measurement to arrive at the net quantity for payment in case of direct measurement is not possible. 3. The cost is inclusive of necessary permission from statutory authorities for dumping the debris/excess earth outside department premises	item21	15.00	Cum		0.00	INR Zero Only
22	Extra for disposal of earth / metal (aggregate) etc over initial lead of 50 mt. and up to 1 Km including mechanical transportation, loading, unloading, stacking etc within campus as directed by engineer in charge	item22	85.00	Cum		0.00	INR Zero Only
23	Lettering with suitable paint (Rubber or Polyurethane) of approved colour, brand and manufacture. Note: Rate is for per Letter per cm. height. Work to be carried out at any height(Up to 15 meter) including scaffolding.	item23	4300.00	Per Letter Per Cm Height		0.00	INR Zero Only

24	Providing Casual labour for soil excavation below chain link fencing structure at helium yard and other miscellaneous works	item24	10.00	Days		0.00	INR Zero Only
25	Providing, fabricating, assembling, hosting / erecting and fixing in position at less heights all shapes and sizes with all leads and lifts, structural steel angle section flats wherever required as per detailed drawing and design including cutting, wastage, welding, bending (shop at site), hoisting, drilling, fixing in position, bolting wherever necessary, in position welding of required lengths, griding, finishing edges all as per instructions, specifications and as directed by Engineer – in – Charge (only standard measurements will be paid)	item25	60.00	Kg		0.00	INR Zero Only
Total in Figures						0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only					