

Government eProcurement System
Created By: Utpal Saha
Created Date/Time: 30-Oct-2025 02:07 PM
Tender Title: CONSTRUCTION OF INDUSTRIAL WAREHOUSE AND ASSOCIATE WORKS UNDER PATNA GA FOR CITY GAS DISTRIBUTION NETWORK PROJECT
Tender ID: 2025_GAIL_243268_1

Tender Inviting Authority: GAIL (India) Limited / EPMC : BANDR

Name of Work: CONSTRUCTION OF INDUSTRIAL WAREHOUSE AND ASSOCIATE WORKS UNDER PATNA GA FOR CITY GAS DISTRIBUTION NETWORK PROJECT

Tender Ref No : GAIL/BNR/PROJ/WORKS/PEB-W/25-26/62 [Tender ID: 2025_GAIL_243268_1]

SCHEDULE OF WORK / ITEM(S)							
Sl.No	Description of Work / Item(s)	No.of Qty	Units	RAJ CONSTRUCTION (GSTN-09AAIFR3131M1ZY) BID ID - 911529		M/S B.RAI CONSTRUCTION COMPANY (GSTN-NA) BID ID - 911706	
				Rate	Amount	Rate	Amount
1.00	GST rate/ amount, SAC & Total amount incl. GST	1.00	TOTAL AMOUNT	54619895.00	64451476.10	37874495.00	44691904.10

L1 Amount	L1 Vendor
44691904.10	M/S B.RAI CONSTRUCTION COMPANY

Total in Figures

64451476.10

44691904.10

Lowest Amount Quoted BY: M/S B.RAI CONSTRUCTION COMPANY(44691904.10)

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				Rate	Amount	Rate	Amount
1.00	EARTHWORK						
2.00	Excavation in ordinary soil (as defined in IS 1200)—including clay, black cotton soil, soft and hard murrum, sand, gravel, and soil containing small pebbles or rubble removable manually or mechanically without blasting—for all foundations, footings, plinth beams, pile caps, underground piping, or other substructures up to 2 m below existing ground level, complete with removal of vegetation, shrubs and trees; provision of shoring, strutting and dewatering by suitable methods; backfilling with excavated earth in 150 mm layers compacted to 98 % MDD; and transportation and disposal of surplus material up to 1 km from the excavation edge, including all labour, tools, plant, supervision and incidental expenses, as per the Technical Specifications, drawings, and directions of the Engineer-in-Charge	1300.00	CUM	325.00	422500.00	400.00	520000.00
3.00	All activities & scope same as in item 2 but for excavation below 2M and upto 4M below existing ground level.	435.00	CUM	410.00	178350.00	300.00	130500.00
4.00	All activities & scope same as in item 2 but for excavation below 4M and upto 6M below existing ground level.	220.00	CUM	550.00	121000.00	10.00	2200.00
5.00	Earth work in filling in foundation trenches or plinth with good earth, in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete. (Payment to be made on the basis of measurement of finished quantity of work) (a) With earth obtained from excavation of foundation.	1450.00	CUM	160.00	232000.00	800.00	1160000.00
6.00	Surface Dressing of the ground in any kind of soil including removing vegetation inequalities not exceeding 15 cm depth and disposal of the rubbish within a lead upto 3.0Km as directed.	1750.00	SQM	25.00	43750.00	25.00	43750.00
7.00	CONCRETING AND FORMWORK						
8.00	Supply, mixing, and placing in position of Concrete grade M-10 (1 : 3 : 6) using 20 mm down graded natural coarse aggregate in reinforced cement concrete foundations, tie beams, plinth beams, columns, portals, slabs, walls (including curved and retaining walls), pedestals, etc., at all levels and heights; including transportation, mechanical compaction by vibration, curing, and finishing, all in accordance with IS 456 and the Technical Specifications—but excluding formwork and reinforcement.	290.00	CUM	7800.00	2262000.00	5000.00	1450000.00
9.00	Supply, mixing, and placing in position of Concrete grade M-20 (1 : 1.5 : 3) using 20 mm down graded natural coarse aggregate in reinforced cement concrete foundations, tie beams, plinth beams, columns, portals, slabs, walls (including curved and retaining walls), pedestals, etc., at all levels and heights; including transportation, mechanical compaction by vibration, curing, and finishing, all in accordance with IS 456 and the Technical Specifications—but excluding formwork and reinforcement.	10.00	CUM	9500.00	95000.00	6500.00	65000.00
10.00	Supply, mixing, and placing in position of Concrete grade M-25 (1:1:1½) using 20 mm down graded natural coarse aggregate in reinforced cement concrete foundations, tie beams, plinth beams, columns, portals, slabs, walls (including curved and retaining walls), pedestals, etc., at all levels and heights; including transportation, mechanical compaction by vibration, curing, and finishing, all in accordance with IS 456 and the Technical Specifications—but excluding formwork and reinforcement.	210.00	CUM	9700.00	2037000.00	6800.00	1428000.00

L1 Amount	L1 Vendor
422500.00	RAJ CONSTRUCTION
130500.00	M/S B.RAI CONSTRUCTION COMPANY
2200.00	M/S B.RAI CONSTRUCTION COMPANY
232000.00	RAJ CONSTRUCTION
43750.00	RAJ CONSTRUCTION, M/S B.RAI CONSTRUCTION
1450000.00	M/S B.RAI CONSTRUCTION COMPANY
65000.00	M/S B.RAI CONSTRUCTION COMPANY
1428000.00	M/S B.RAI CONSTRUCTION COMPANY

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				Rate	Amount	Rate	Amount
11.00	Supply and placing of ready-mixed, machine-vibrated, vacuum-dewatered, watertight controlled cement concrete of grade M-30 (minimum 400 kg cement/m³) as per approved design mix by weigh-batching, using 20 mm down machine-crushed black trap metal (or approved aggregate) and sand, in CC panels of approximately 4.5 m × 4.5 m up to plinth level, including transportation from RMC plant; provision and removal of formwork/shuttering with openings for reinforcement continuity and drip moulds; vacuum dewatering of bleed water; addition of superplasticizer (Sika, Fosroc, or BASF) as per manufacturer's instructions; mechanical vibration, finishing to a smooth, level surface suitable for rack installation; immediate saw-cut grooves after final set; curing; and all necessary quality tests (slump, compressive strength, water permeability, etc.) as directed by the Engineer-in-Charge, complete in accordance with IS 4926, IS 456, the Technical Specifications, and approved drawings.	300.00	CUM	10000.00	3000000.00	8000.00	2400000.00
12.00	Providing and fixing smooth formwork of steel plates or marine plywood for concrete elements—foundations, rafts, beams, columns, portals, slabs, walls, pedestals, liquid-retaining structures, pits, etc.—at all levels as per drawings, including fabrication and supply of materials; installation, support, and maintenance during concreting; and timely stripping thereafter.	1800.00	SQM	650.00	1170000.00	400.00	720000.00
13.00	MASONRY WORKS						
14.00	Supplying and constructing Brickwork in foundation with common burnt clay bricks modular of minimum designation 7.5 N/mm2 with required Cement (as per technical specification) in cement mortar 1:6 in foundations, substructures, walls, pillars chambers, etc. including scaffolding, curing, raking of joints etc. all as per technical specifications.The rate shall include all tools, tackles, labours, consumables etc.	110.00	CUM	7500.00	825000.00	7500.00	825000.00
15.00	Supplying and applying 15mm thick plaster in cement mortar 1:4 over interior surfaces of masonry and concrete including scaffolding, curing, finishing with at all heights as per technical specification. The rate shall include all tools, tackles, labours, consumables, etc.	390.00	SQM	325.00	126750.00	400.00	156000.00
16.00	Supplying and applying 18 mm thick plaster in two layers with cement mortar (1:4) over the exterior face of masonry and concrete surfaces, including necessary scaffolding, curing, and smooth finishing at all heights, complete as per technical specifications. The quoted rate shall be inclusive of all tools, tackles, labour, materials, and consumables required for proper completion of the work.	425.00	SQM	450.00	191250.00	425.00	180625.00
17.00	REINFORCEMENT WORKS						
18.00	Providing Reinforcement steel in RCC works at all heights and depths, as per drawing and specifications including preparation and obtaining approval of bar bending schedule, straightening, decoiling, removing mil-scales and rust, cutting, bending to required shape, placing, binding in position, welding wherever required, supply of approved type of binding wire, mechanical anchorage, etc. all as per technical specifications and for High Yield strength Deformed (HYSD) TMT bars conforming to IS:1786 grades : Fe 500 /Fe 550D	45.00	MT	84000.00	3780000.00	75000.00	3375000.00
19.00	FLOORING, SKIRTING AND DADO						

L1 Amount	L1 Vendor
2400000.00	M/S B.RAI CONSTRUCTION COMPANY
720000.00	M/S B.RAI CONSTRUCTION COMPANY
825000.00	RAJ CONSTRUCTION, M/S B.RAI CONSTRUCTION COMPANY
126750.00	RAJ CONSTRUCTION
180625.00	M/S B.RAI CONSTRUCTION COMPANY
3375000.00	M/S B.RAI CONSTRUCTION COMPANY

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				Rate	Amount	Rate	Amount
20.00	Supply and application of polymer-based floor hardener (Fosrock or equivalent) @ 5 kg/m² on the top surface of freshly laid concrete floor.	1485.00	SQM	145.00	215325.00	500.00	742500.00
21.00	WINDOW, DOOR, PAINTING & SANITARY						
22.00	Supply ,providing, fabricating and fixing aluminium window frames and shutters with standard extruded sections having 3mm (min) wall thickness, for Sliding type shutters glazed with 4 mm thk glass sheet all complete with anodised aluminium fittings.Three track Aluminum windows will be provided with stainless steel wire mesh in one sliding shutter and remaining two of Glass should be provided.	40.00	SQM	7000.00	280000.00	5000.00	200000.00
23.00	Providing, fabricating, and fixing heavy-duty mild-steel grills outside the aluminium windows, fabricated to design specifications and painted with two coats of synthetic enamel paint, with a finished weight not less than 15 kg/m².	40.00	SQM	3500.00	140000.00	1000.00	40000.00
24.00	Providing, fabricating and fixing of Single panal doors made of pressed plywood with TEAK PLY finsh including all necessary fittings.	7.00	SQM	5200.00	36400.00	3000.00	21000.00
25.00	Supplying and applying three coats of Exterior Water Proof (Anti duxst Protection Emulsion as specified over a priming coat) including scraping, crack filling with CEMENT putty, scaffolding, all tools and tackles, brushes etc. complete.The rate shall include all tools, tackles,labours,consumables etc.	425.00	SQM	350.00	148750.00	200.00	85000.00
26.00	Supplying and applying three coats of Interior Water Proof over POP/Putty coating to make surface smooth including scraping, crack filling with CEMENT putty, scaffolding, all tools and tackles, brushes etc. complete.The rate shall include all tools, tackles,labours,consumables etc.	390.00	SQM	250.00	97500.00	100.00	39000.00
27.00	STRUCTURAL WORKS						
28.00	Sheeting- Roofing with ridge and valley gutter as per requirement & side sheeting of 0.6mm thick pre coated galvanized iron profile sheet as per IS-277 or roofing of shed to be done by providing self-supported proffex sheet as per their specifications. (Wind ties of 40x6mm flat iron section to be provided as per standard specification.	2360.00	SQM	1350.00	3186000.00	1200.00	2832000.00
29.00	Supplying and fixing of factory-made translucent FRP/Polycarbonate sheet of approved make and quality, 2.0 mm thick (±10%) with UV-stabilized surface finish, fixed in roofing with self-drilling screws, EPDM washers, and suitable overlaps, including cutting, aligning, sealing, and all materials, labour, scaffolding, and handling etc., complete as per drawing and engineer-in-charge's direction. The sheet shall match the profile of adjacent metal roofing sheets (e.g., trapezoidal or sinusoidal).	150.00	SQM	900.00	135000.00	1500.00	225000.00
30.00	Turbo Ventilator/Extractor- Supply, fitting and fixing Turbo Extractor/ ventilator 24 inches dia with 2 mm thick fibre glass base frame with transportation labour, hardware sealant with inserting leak proof tape in between joints 6 complete having FRP base frame 1650mm long shown in drawing.	35.00	NOS	15000.00	525000.00	7500.00	262500.00

L1 Amount	L1 Vendor
215325.00	RAJ CONSTRUCTION
200000.00	M/S B.RAI CONSTRUCTION COMPANY
40000.00	M/S B.RAI CONSTRUCTION COMPANY
21000.00	M/S B.RAI CONSTRUCTION COMPANY
85000.00	M/S B.RAI CONSTRUCTION COMPANY
39000.00	M/S B.RAI CONSTRUCTION COMPANY
2832000.00	M/S B.RAI CONSTRUCTION COMPANY
135000.00	RAJ CONSTRUCTION
262500.00	M/S B.RAI CONSTRUCTION COMPANY

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31.00	Preparation & approval of fabrication drawing and documents. Supply, fabrication, and erection of Pre-Engineered Building (PEB) shed steel components, comprising: primary members (built-up rafters, columns, and haunches of hot-rolled or cold-formed steel conforming to IS 2062:2011 Fe 345; secondary members (purlins, girts, and eave struts per IS 811:1987); bracings (rod/cable, portal, or angle braces for lateral stability as designed); connections with HSFG and regular bolts as well as welded joints per IS 800:2007 and IS 1367; base plates and anchor bolts designed to IS 800 and IS 1367; . All primary members shall be shot-blasted to SSPC-SP-10 near-white metal, then shop-primed with one coat of F-9 at 65–75 µm DFT (no overcoating permitted), followed by one coat of P-6 primer at 40 µm DFT. Finish coats shall consist of one coat of F-6B at 100 µm DFT and one coat of F-2 at 40 µm DFT, achieving a minimum total DFT of 245 µm; fabrication tolerances per IS 7215 & IS 800:2007; and erection using suitable lifting, alignment, and bolting/welding methods per approved drawings and IS 7205, complete in all respects as per specifications and directions of the Engineer-in-Charge. Carrying out stenciling for bay marking, names, logos, and other required identification inside and outside the warehouse shed, including columns and walls, as per the approved font size, design, and colour scheme. The work shall be executed to the satisfaction of the GAIL Engineer-in-Charge (EIC).	100.00	MT	135000.00	13500000.00	105000.00	10500000.00
32.00	MISC.						
33.00	Providing and laying Coarse Graded Granular sub-base (GSB) Grading-II in FLOORING complete as per Technical Specification (.Latest version of IS code shall be followed. Subgrade shall be compacted to minimum 95 % density with OMC and with Vibratory roller of 10 T capacity	225.00	CUM	3600.00	810000.00	4000.00	900000.00
34.00	Providing and laying 150mm thick Wet MIX Macadam (WMM) base course of compacted thickness in Slope as specified in the drawings and as per clause 406.2.1.2 of MORTH, laying with mechanical paver and compacting by vibratory roller and directed by Engineer -In- Charge. Latest version of IS code shall be followed.	225.00	CUM	3750.00	843750.00	3800.00	855000.00
35.00	"Providing & Laying contraction joints between Walls & floor slab with approved quality of Thermocol @ density of 20Kgs/Cum & Width upto 190 mm wide & 8mm thick or other approved equivalent in Contraction joints including cutting, fixing, keeping in position, wastage, etc. complete as per drawing, Specification and as directed by EIC.	40.00	SQM	600.00	24000.00	500.00	20000.00
36.00	Extra for supplying and filling polysulphide sealant (5 × 10 mm) with debonding tape and backer rod (5 × 15 mm) in the contraction joints of floor panels (5 × 25 mm), including mechanical cutting of grooves, cleaning, tooling, and finishing, all complete as per specifications, drawings, and as directed by the Engineer-in-Charge. Grooves shall be cut within 24 hours of concrete attaining its final set.	800.00	R.MTR	150.00	120000.00	300.00	240000.00

L1 Amount	L1 Vendor
10500000.00	M/S B.RAI CONSTRUCTION COMPANY
810000.00	RAJ CONSTRUCTION
843750.00	RAJ CONSTRUCTION
20000.00	M/S B.RAI CONSTRUCTION COMPANY
120000.00	RAJ CONSTRUCTION

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37.00	Anti-termite treatment shall be supplied and applied in accordance with IS 6313 (Part 2):2001, the cost of which is deemed to be included in the plinth-area rates. The chemical shall be approved by the Authority and used strictly as per the manufacturer's instructions and specifications. The contractor shall guarantee the anti-termite treatment for a period of 10 years.	1485.00	SQM	200.00	297000.00	200.00	297000.00
38.00	Supply, installation, testing and commissioning of motorized MS rolling shutter of approved make and design, to be provided at locations shown on drawings, comprising: Shutter Curtain: Interlocking MS laths of 80 mm face width and 1.25 mm nominal thickness, with end locks at each joint and PVC bottom seal strip. Guide Channels: 2 mm thick MS guide rails, hot-dip galvanized after fabrication. Shaft & Bearings: MS pipe shaft (minimum 89 mm OD) with double-flanged brackets and heavy-duty bearings. Motor Operator: 0.5 HP – 1 HP single-phase/suitable three-phase tubular motor with limit switches, manual chain override, and emergency stop. Accessories: Safety edge, remote control, push-button station, and all necessary fasteners, brackets, couplers, and end locks. Finishes: One coat of rust-inhibiting primer and two coats of synthetic enamel paint (shade as approved).	200.00	SQM	9000.00	1800000.00	5500.00	1100000.00
39.00	Supply, Providing and laying minimum 125 micron thick polythene sheet as per item no.602.5 of MORT&H specifications, including overlaps (to be not less than 30 cm) etc. complete as specified and as directed.	1485.00	SQM	250.00	371250.00	50.00	74250.00
40.00	Supply, Providing and laying NON SHRINK GROUT as per technical Spec.	1.00	CUM	65000.00	65000.00	5000.00	5000.00
41.00	Designing , supplying, and laying 160 mm Ø PVC pressure pipe conforming to as per technical specifications, including all intermediate couplers, bends, tees, reducers, gaskets, jointing materials, pipe supports, bedding, excavation, backfilling, testing, and commissioning, complete as per drawings, specifications, and as directed by the Engineer-in-Charge.	240.00	R.MTR	700.00	168000.00	450.00	108000.00
42.00	Supply, Providing and laying Chicken Wire Mess (thk. gauge 20 min) as per technical Spec.	75.00	SQM	80.00	6000.00	100.00	7500.00

L1 Amount	L1 Vendor
297000.00	RAJ CONSTRUCTION, M/S B.RAI CONSTRUCTION COMPANY
1100000.00	M/S B.RAI CONSTRUCTION COMPANY
74250.00	M/S B.RAI CONSTRUCTION COMPANY
5000.00	M/S B.RAI CONSTRUCTION COMPANY
108000.00	M/S B.RAI CONSTRUCTION COMPANY
6000.00	RAJ CONSTRUCTION

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43.00	PAVER BLOCK FLOORING: Supplying and laying of Cement Concrete inter locking paver block 80 mm thick,I shape or as any other approved shape, rough finish, M-40 strength of approved brand laid over the sand bed of minimum 100 mm thick. The CC interlocking blocks to be of uniform Grey colour or as approved by EIC complete in all respects as per scope of work, detailed construction drawings, technical specifications and directions of the Engineer-in-charge.	1254.00	SQM	1200.00	1504800.00	1100.00	1379400.00
44.00	Supply and installation of heavy-duty manual chain pulley block of 1 Tonne safe working load (SWL), suitable for monorail mounting, with geared or push-type trolley, having minimum 3-meter lift height, forged steel hook with safety latch, alloy steel load chain, corrosion-resistant hand chain, and adjustable trolley to suit standard I-beam flange width. The unit shall conform to IS:3832/IS:15560 or equivalent international standard. Complete in all respects as required for smooth and safe operation & direction of Engineer-in-Charge	2.00	NOS	500000.00	1000000.00	50000.00	100000.00
45.00	Supply, erection & commissioning of following miscellaneous items as per technical specification and at locations (within the stations) as directed by EIC						
46.00	Supplying and providing DCP (Dry Chemical Powder) Fire Extinguisher – 9 Kg capacity, Store Pressure Type, conforming to IS:15683–2006 (or latest revision), duly ISI marked, complete with suitable wall-mounted extinguisher cabinet, clamps and all necessary accessories, as directed and as per technical specifications.	13.00	NOS	15000.00	195000.00	12000.00	156000.00
47.00	Supplying and providing CO ₂ Fire Extinguisher – 4.5 Kg capacity, conforming to IS:2878 (latest revision), duly ISI marked, complete with suitable wall-mounted extinguisher cabinet, clamps and all necessary accessories, as directed and as per technical specifications.	13.00	NOS	9000.00	117000.00	10000.00	130000.00
48.00	ELECTRICAL WORK						

L1 Amount	L1 Vendor
1379400.00	M/S B.RAI CONSTRUCTION COMPANY
100000.00	M/S B.RAI CONSTRUCTION COMPANY

156000.00	M/S B.RAI CONSTRUCTION COMPANY
117000.00	RAJ CONSTRUCTION

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49.00	The scope of electrical works shall include the design, supply, installation, testing, and commissioning of the complete electrical system for the warehouse. The major items covered under this scope are as follows: Provision of a Main Power Distribution Board (MDB) for incoming LT supply catering to utilities such as switchboards, equipment power outlets, testing points for voltage and current, and motorized shutter control (ON/OFF). The MDB shall be equipped with MCCBs, MCBs, and ELCBs, properly segregated and labelled, housed within an IP-rated enclosure to be installed in the designated electrical room. An energy sub-metering system shall be installed adjacent to the MDB in a lockable enclosure, equipped with CTs and a digital display to monitor real-time energy consumption of the warehouse operations. Provision of a Lighting Distribution Board (LDB) for internal and external lighting circuits, equipped with MCBs and an astronomical or programmable timer switch for automation. High-beam industrial-grade LED flood/high-bay lights (100W–150W) shall be installed along rafters/purlins to ensure minimum illumination levels of 250–300 LUX uniformly across the floor. Lights shall be arranged in a grid layout, spaced at 6–8 meters, and shall comply with relevant IS/IEC standards. The contractor shall submit a lighting layout with LUX level simulation for approval. The earthing system shall comprise a minimum of 4 earth pits (chemical/pipe type), interconnected via a 25x3 mm GI/Copper earth ring covering the building perimeter. All DBs, equipment, and metallic structures shall be properly earthed. The lightning protection system shall consist of air terminals fixed at roof ridges, down conductors (25 mm² Cu/GI), and testing terminals, forming a complete system as per IS 2309. Outdoor lighting shall be provided near the warehouse entrance, emergency exits, and loading bays using IP65-rated 50W–100W LED floodlights/streetlights, controlled via the LDB or independent switches.				

L1 Amount	L1 Vendor
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Government eProcurement System
Created By: Utpal Saha
Created Date/Time: 30-Oct-2025 02:07 PM
Tender Title: CONSTRUCTION OF INDUSTRIAL WAREHOUSE AND ASSOCIATE WORKS UNDER PATNA GA FOR CITY GAS DISTRIBUTION NETWORK PROJECT
Tender ID: 2025_GAIL_243268_1

Tender Inviting Authority: GAIL (India) Limited / EPMC : BANDR

Name of Work: CONSTRUCTION OF INDUSTRIAL WAREHOUSE AND ASSOCIATE WORKS UNDER PATNA GA FOR CITY GAS DISTRIBUTION NETWORK PROJECT

Contract No: GAIL/BNR/PROJ/WORKS/PEB-W/25-26/62 [Tender ID: 2025_GAIL_243268_1]

SCHEDULE OF WORK / ITEM(S)							
Sl.No	Description of Work / Item(s)	No.of Qty	Units	RAJ CONSTRUCTION (GSTN-09AAIFR3131M1ZY) BID ID - 911529		M/S B.RAI CONSTRUCTION COMPANY (GSTN-NA) BID ID - 911706	
				Rate	Amount	Rate	Amount
50.00	Cabling and conduiting shall include the use of FRLS (Flame Retardant Low Smoke) copper cables conforming to IS:694/IS:1554. Cables shall be laid through GI cable trays, raceways, or heavy-duty PVC conduits (not less than 25 mm dia). Steel flexible conduits shall be used for final terminations to machinery. Cable sizing shall be based on actual load, voltage drop limits, and applicable derating factors. The contractor shall be responsible for the submission and approval of detailed design drawings and documentation, including: Single Line Diagram (SLD) of the electrical system, Internal and external lighting layout with LUX level calculations, Earthing and lightning protection layouts, Cable schedule and conduit routing drawings, Supply, installation, testing, and commissioning of 63 kVA transformer, including all liaisoning, complete in all respects. Manufacturer's data sheets and makes/models of all major equipment, Testing reports for insulation, earth resistance, continuity, and operational checks prior to handover. All work shall be carried out in accordance with the latest editions of IS 732 (wiring installation), IS 3043 (earthing), IS 2309 (lightning protection), relevant CEA regulations, National Building Code (NBC), and directives of the local electrical inspectorate. Note: All designs, drawings, document submissions, and approvals, etc., are included in the quoted rates.						
51.00	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit,with modular switch, modular plate, Fan Regulator, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required including Supply and Fixing of all material and required assecoried to complete the work in all respect.	45.00	POINT	1000.00	45000.00	600.00	27000.00

L1 Amount	L1 Vendor
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27000.00	M/S B.RAI CONSTRUCTION COMPANY
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Government eProcurement System Created By: Utpal Saha Created Date/Time: 30-Oct-2025 02:07 PM Tender Title: CONSTRUCTION OF INDUSTRIAL WAREHOUSE AND ASSOCIATE WORKS UNDER PATNA GA FOR CITY GAS DISTRIBUTION NETWORK PROJECT Tender ID: 2025_GAIL_243268_1	
Tender Inviting Authority: GAIL (India) Limited / EPMC : BANDR	
Name of Work: CONSTRUCTION OF INDUSTRIAL WAREHOUSE AND ASSOCIATE WORKS UNDER PATNA GA FOR CITY GAS DISTRIBUTION NETWORK PROJECT	

Contract No: GAIL/BNR/PROJ/WORKS/PEB-W/25-26/62 [Tender ID: 2025_GAIL_243268_1]							
SCHEDULE OF WORK / ITEM(S)							
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				Rate	Amount	Rate	Amount
52.00	Wiring for group controlled (looped) light point/fan point/exhaust fan point/ call bell point (without independent switch etc.) with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit, and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc. as required including Supply and Fixing of all material and required assecoried to complete the work in all respect.	200.00	POINT	550.00	110000.00	550.00	110000.00
53.00	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. As required including Supply and Fixing of all material and required assecoried to complete the work in all respect.	40.00	EACH	650.00	26000.00	350.00	14000.00
54.00	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess,including providing and fixing 6 pin 5/6 A & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required including Supply and Fixing of all material and required assecoried to complete the work in all respect.	50.00	EACH	550.00	27500.00	375.00	18750.00
55.00	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit alongwith 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required including Supply and Fixing of all material and required assecoried to complete the work in all respect.	3000.00	METER	750.00	2250000.00	190.00	570000.00
56.00	Wiring for light/ power plug with 4X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit alongwith 2Nos. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required including Supply and Fixing of all material and required assecoried to complete the work in all respect.	2000.00	METER	1150.00	2300000.00	290.00	580000.00
57.00	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor ,single core cable in surface /recessed medium class PVC conduit as required. Size: 2X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire including Supply and Fixing of all material and required assecoried to complete the work in all respect.	450.00	METER	500.00	225000.00	130.00	58500.00
58.00	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor ,single core cable in surface /recessed steel conduit as required including Supply and Fixing of all material and required assecoried to complete the work in all respect.						

L1 Amount	L1 Vendor
110000.00	RAJ CONSTRUCTION, M/S B.RAI CONSTRUCTION COMPANY
14000.00	M/S B.RAI CONSTRUCTION COMPANY
18750.00	M/S B.RAI CONSTRUCTION COMPANY
570000.00	M/S B.RAI CONSTRUCTION COMPANY
580000.00	M/S B.RAI CONSTRUCTION COMPANY
58500.00	M/S B.RAI CONSTRUCTION COMPANY

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Tender Inviting Authority: GAIL (India) Limited / EPMC : BANDR							
Name of Work: CONSTRUCTION OF INDUSTRIAL WAREHOUSE AND ASSOCIATE WORKS UNDER PATNA GA FOR CITY GAS DISTRIBUTION NETWORK PROJECT							

Contract No: GAIL/BNR/PROJ/WORKS/PEB-W/25-26/62 [Tender ID: 2025_GAIL_243268_1]							
SCHEDULE OF WORK / ITEM(S)							
Sl.No	Description of Work / Item(s)	No.of Qty	Units	RAJ CONSTRUCTION (GSTN-09AAIFR3131M1ZY) BID ID - 911529		M/S B.RAI CONSTRUCTION COMPANY (GSTN-NA) BID ID - 911706	
				Rate	Amount	Rate	Amount
59.00	a) 2X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire including Supply and Fixing of all material and required assecoried to complete the work in all respect.	2340.00	METER	650.00	1521000.00	145.00	339300.00
60.00	b) 4X 16 sq. mm + 2 X 6 sq. mm earth wire including Supply and Fixing of all material and required assecoried to complete the work in all respect.	200.00	METER	1550.00	310000.00	875.00	175000.00
61.00	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required. Size-25 mm including Supply and Fixing of all material and required assecoried to complete the work in all respect.	500.00	METER	150.00	75000.00	80.00	40000.00
62.00	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required including Supply and Fixing of all material and required assecoried to complete the work in all respect.						
63.00	a) 3 x 1.5 sq. mm	36.00	METER	350.00	12600.00	120.00	4320.00
64.00	b) 4 x 1.5 sq. mm	71.00	METER	500.00	35500.00	150.00	10650.00
65.00	c) 5 x 1.5 sq. mm	29.00	METER	750.00	21750.00	165.00	4785.00
66.00	d) 6 x 1.5 sq. mm	36.00	METER	950.00	34200.00	190.00	6840.00
67.00	e) 7 x 1.5 sq. mm	74.00	METER	1050.00	77700.00	210.00	15540.00
68.00	f) 8 x 1.5 sq. mm	15.00	METER	1250.00	18750.00	230.00	3450.00
69.00	g) 3 x 2.5 sq. mm	25.00	METER	550.00	13750.00	260.00	6500.00
70.00	h) 6 x 2.5 sq. mm	18.00	METER	1050.00	18900.00	420.00	7560.00
71.00	i) 3 x 4.0 sq. mm	5.00	METER	1250.00	6250.00	375.00	1875.00
72.00	Providing, laying and fixing following dia G.I. pipe (medium class) in ground complete with G.I. fittings including trenching (75 cm deep) and re-filling etc. as required Supply and Fixing of all material and required assecoried to complete the work in all respect.						

L1 Amount	L1 Vendor
339300.00	M/S B.RAI CONSTRUCTION COMPANY
175000.00	M/S B.RAI CONSTRUCTION COMPANY
40000.00	M/S B.RAI CONSTRUCTION COMPANY
4320.00	M/S B.RAI CONSTRUCTION COMPANY
10650.00	M/S B.RAI CONSTRUCTION COMPANY
4785.00	M/S B.RAI CONSTRUCTION COMPANY
6840.00	M/S B.RAI CONSTRUCTION COMPANY
15540.00	M/S B.RAI CONSTRUCTION COMPANY
3450.00	M/S B.RAI CONSTRUCTION COMPANY
6500.00	M/S B.RAI CONSTRUCTION COMPANY
7560.00	M/S B.RAI CONSTRUCTION COMPANY
1875.00	M/S B.RAI CONSTRUCTION COMPANY

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Tender Title: CONSTRUCTION OF INDUSTRIAL WAREHOUSE AND ASSOCIATE WORKS UNDER PATNA GA FOR CITY GAS DISTRIBUTION NETWORK PROJECT
Tender ID: 2025_GAIL_243268_1

Tender Inviting Authority: GAIL (India) Limited / EPMC : BANDR

Name of Work: CONSTRUCTION OF INDUSTRIAL WAREHOUSE AND ASSOCIATE WORKS UNDER PATNA GA FOR CITY GAS DISTRIBUTION NETWORK PROJECT

Contract No: GAIL/BNR/PROJ/WORKS/PEB-W/25-26/62 [Tender ID: 2025_GAIL_243268_1]

SCHEDULE OF WORK / ITEM(S)							
Sl.No	Description of Work / Item(s)	No.of Qty	Units	RAJ CONSTRUCTION (GSTN-09AAIFR3131M1ZY) BID ID - 911529		M/S B.RAI CONSTRUCTION COMPANY (GSTN-NA) BID ID - 911706	
				Rate	Amount	Rate	Amount
73.00	a) 50 mm dia	72.00	METER	950.00	68400.00	125.00	9000.00
74.00	supplying and laying of following size DWC HDPE pipe ISI marked alongwith all accessories like socket, bend, couplers etc. conforming to IS 14930 , Part II complete with fitting and cutting , jointing etc .direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc.						
75.00	a) 63 mm dia (OD 63 mm & ID 51 mm nominal)	164.00	METER	550.00	90200.00	350.00	57400.00
76.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 kV grade of following size in the existing RCC/ HUME/ METAL pipe as required.						
77.00	a) Upto 35 sq. mm	250.00	METER	200.00	50000.00	325.00	81250.00
78.00	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 kV grade of following size on wall surface as required.						
79.00	a) Upto 35 sq. mm (clamped with 1mm thick saddle)	150.00	METER	300.00	45000.00	35.00	5250.00
80.00	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 kV grade as required.						
81.00	a) 4x16 sq. mm (28mm).	10.00	EACH	550.00	5500.00	200.00	2000.00
82.00	Providing and fixing following rating and breaking capacity and pole MCCB with thermomagnetic release and terminal spreaders in existing MCB DB Making connections, etc.as required.						
83.00	a) 100 A,30KA,FPMCCB	1.00	EACH	10500.00	10500.00	2500.00	2500.00
84.00	b) 125 A,36KA,FPMCCB	2.00	EACH	12500.00	25000.00	3500.00	7000.00
85.00	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)						

L1 Amount	L1 Vendor
9000.00	M/S B.RAI CONSTRUCTION COMPANY

57400.00	M/S B.RAI CONSTRUCTION COMPANY
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50000.00	RAJ CONSTRUCTION
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5250.00	M/S B.RAI CONSTRUCTION COMPANY
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2000.00	M/S B.RAI CONSTRUCTION COMPANY
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2500.00	M/S B.RAI CONSTRUCTION COMPANY
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7000.00	M/S B.RAI CONSTRUCTION COMPANY
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Tender ID: 2025_GAIL_243268_1

Tender Inviting Authority: GAIL (India) Limited / EPMC : BANDR

Name of Work: CONSTRUCTION OF INDUSTRIAL WAREHOUSE AND ASSOCIATE WORKS UNDER PATNA GA FOR CITY GAS DISTRIBUTION NETWORK PROJECT

Contract No: GAIL/BNR/PROJ/WORKS/PEB-W/25-26/62 [Tender ID: 2025_GAIL_243268_1]

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				Rate	Amount	Rate	Amount
86.00	a) 8 way, Double door	2.00	EACH	2000.00	4000.00	7500.00	15000.00
87.00	b) 12 way, Double door	1.00	EACH	3000.00	3000.00	9500.00	9500.00
88.00	c) 16 way, Double door	1.00	EACH	4500.00	4500.00	15000.00	15000.00
89.00	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)						
90.00	a) 4 way (4 + 12), Double door	1.00	EACH	8000.00	8000.00	5500.00	5500.00
91.00	Supplying and fixing of following ways surface/recess mounting vertical type ,415V,TPN MCB distribution board of sheet steel, dust protected ,duly powder painted, inclusive of 200A TINNED COPPER BUS BAR ,COMMON Neutral link, earth bar, din bar for mounting MCBs (but with out MCBs and incomer) as required.						
92.00	a) 4Way (4+12) Double door	3.00	SET	10000.00	30000.00	5500.00	16500.00
93.00	b) 8Way (4+24) Double door.	12.00	SET	150000.00	1800000.00	10000.00	120000.00
94.00	Supplying and fixing 5A to 32A rating /240/415V,10KA C Curve miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.						
95.00	a) Single pole	414.00	EACH	380.00	157320.00	300.00	124200.00
96.00	b) Single pole and neutral	1.00	EACH	850.00	850.00	200.00	200.00
97.00	c) Triple pole	14.00	EACH	1200.00	16800.00	525.00	7350.00
98.00	d) Triple pole and neutral	2.00	EACH	1650.00	3300.00	400.00	800.00
99.00	Supplying and fixing following rating, four pole, 415 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.						
100.00	a) 63 AMP.	1.00	EACH	1000.00	1000.00	10000.00	10000.00

L1 Amount	L1 Vendor
4000.00	RAJ CONSTRUCTION
3000.00	RAJ CONSTRUCTION
4500.00	RAJ CONSTRUCTION

5500.00	M/S B.RAI CONSTRUCTION COMPANY
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16500.00	M/S B.RAI CONSTRUCTION COMPANY
120000.00	M/S B.RAI CONSTRUCTION COMPANY

124200.00	M/S B.RAI CONSTRUCTION COMPANY
200.00	M/S B.RAI CONSTRUCTION COMPANY
7350.00	M/S B.RAI CONSTRUCTION COMPANY
800.00	M/S B.RAI CONSTRUCTION COMPANY

1000.00	RAJ CONSTRUCTION
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				Rate	Amount	Rate	Amount
101.00	Supplying and fixing of following rating, four pole,(three phase and neutral 0.415Volts, residual current circuit breaker (RCCB), having sensitivity current 30mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.						
102.00	a) 63A (For LDB & FDB Incomer)	18.00	EACH	2500.00	45000.00	3000.00	54000.00
103.00	Supplying and fixing 20 A, 240 V, SPN Industrial type socket outlet, with 2 pole and earth, metal enclosed plug top MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	1.00	EACH	2500.00	2500.00	2500.00	2500.00
104.00	Earthing with G.I. earth pipe 3 meter long, 65 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required. Supply and Fixing, Testing of all material and required assecoried to complete the work in all respect	15.00	SET	18000.00	270000.00	15000.00	225000.00
105.00	. and fixing 25 mm X 5 mm G.I. strip in 40 mm dia G.I. pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required.(Burried in floor) Supply and Fixing, Testing of all material and required assecoried to complete the work in all respect	30.00	METER	350.00	10500.00	125.00	3750.00
106.00	Providing and laying earth connection from earth electrode with 6 SWG dia G.I. Wire in 15 mm dia G.I. pipe from earth electrode including connection with G.I. thimble excavation and re-filling as required Supply and Fixing of all material and required assecoried to complete the work in all respect	15.00	METER	150.00	2250.00	1500.00	22500.00
107.00	Providing and fixing 25 mm x 5 mm G.I. strip on surface or in recess for connections etc. as required Supply and Fixing of all material and required assecoried to complete the work in all respect	60.00	METER	225.00	13500.00	125.00	7500.00
108.00	Providing and fixing of lightning conductor finial, made of 25 mm dia 300 mm long, G.I. tube, having single prong at top, with 85 mm dia 6 mm thick G.I. base plate including holes etc. complete as required.	4.00	EACH	3000.00	12000.00	4000.00	16000.00
109.00	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required.(For horizontal run)	40.00	METER	350.00	14000.00	100.00	4000.00
110.00	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required. (For vertical run)	30.00	METER	350.00	10500.00	100.00	3000.00
111.00	Supplying, installation, testing and commissioning sector panel / Repeater Panel suitable for following zones, complete with visual indications for short circuit fault, open circuit fault, fire condition and all other standard facilities as per IS 2189 with mimic diagram for all area zone complete with all connections, interconnections as required.	2.00	EACH	150000.00	300000.00	15000.00	30000.00

L1 Amount	L1 Vendor
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45000.00	RAJ CONSTRUCTION
2500.00	RAJ CONSTRUCTION, M/S B.RAI CONSTRUCTION COMPANY
225000.00	M/S B.RAI CONSTRUCTION COMPANY
3750.00	M/S B.RAI CONSTRUCTION COMPANY
2250.00	RAJ CONSTRUCTION
7500.00	M/S B.RAI CONSTRUCTION COMPANY
12000.00	RAJ CONSTRUCTION
4000.00	M/S B.RAI CONSTRUCTION COMPANY
3000.00	M/S B.RAI CONSTRUCTION COMPANY
30000.00	M/S B.RAI CONSTRUCTION COMPANY

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				Rate	Amount	Rate	Amount
112.00	Supplying, installation, testing and commissioning of FA JB With required Loop In / Loop Out Termination facility Including required, Supply Gland and termination of all area zone complete with all connections, interconnections as required.	1.00	EACH	15000.00	15000.00	10000.00	10000.00
113.00	Supplying, installation, testing & commissioning of response indicator on surface/recessed MS Box having two LED, metallic cover complete with all connections etc as required.	24.00	EACH	1000.00	24000.00	2500.00	60000.00
114.00	Supplying, installation, testing & commissioning of manual call boxes of MS construction in surface/recess box with stainless steel chain & hammer assembly complete with glass and push button etc. as required.	10.00	EACH	5000.00	50000.00	500.00	5000.00
115.00	Supplying, installation, testing & commissioning of Hooter of MS construction in surface/recess box with stainless steel chain & hammer assembly complete with glass and push button etc. as required.	10.00	EACH	5000.00	50000.00	600.00	6000.00
116.00	Supplying, installation, testing & commissioning of Flashing Beacon of MS construction in surface/recess box with stainless steel chain & hammer assembly complete with glass and push button etc. as required.	10.00	EACH	15000.00	150000.00	450.00	4500.00
117.00	Supplying, installation, testing & commissioning of Smoke Detector with MS construction in surface/recess box with stainless steel chain & hammer assembly complete with glass and push button etc. as required.	65.00	EACH	3000.00	195000.00	500.00	32500.00
118.00	Supplying, installation, testing & commissioning of LED flood lights for external façades/perimeter (100–150W) with brackets; integrated into LDB/timer schedule including Loop In /Loop Out JB, and required Accessories for complete the work.	65.00	NOS	4000.00	260000.00	10000.00	650000.00
119.00	Supplying, installation, testing & commissioning of Perforated GI cable tray of 100mm with accessories (bends/tees/reducers), supports & hardware for lighting runs; or GI conduit (as per drawing).	1400.00	METER	1050.00	1470000.00	90.00	126000.00
120.00	Supply including packing and forwarding, transportation, delivery at storage to site of 11 kv/433 V outdoor type,3Ph,50Hz,copper wound, Dyn11, ONAN distribution transformer complete with all accessories as per REC specification 11/1976 and/or IS 2026/1180. and latest amendments there of and first oil filled. Termination arrangement for HV side : HT bushing & LV side Cable end box/Terminal box of following rating (Make of Transformer shall be approved from State Electricity Board.) 63KVA including Supply of all material and required assecoried to complete the work in all respect.	1.00	NOS	500000.00	500000.00	375000.00	375000.00

L1 Amount	L1 Vendor
10000.00	M/S B.RAI CONSTRUCTION COMPANY
24000.00	RAJ CONSTRUCTION
5000.00	M/S B.RAI CONSTRUCTION COMPANY
6000.00	M/S B.RAI CONSTRUCTION COMPANY
4500.00	M/S B.RAI CONSTRUCTION COMPANY
32500.00	M/S B.RAI CONSTRUCTION COMPANY
260000.00	RAJ CONSTRUCTION
126000.00	M/S B.RAI CONSTRUCTION COMPANY
375000.00	M/S B.RAI CONSTRUCTION COMPANY

Government eProcurement System Created By: Utpal Saha Created Date/Time: 30-Oct-2025 02:07 PM Tender Title: CONSTRUCTION OF INDUSTRIAL WAREHOUSE AND ASSOCIATE WORKS UNDER PATNA GA FOR CITY GAS DISTRIBUTION NETWORK PROJECT Tender ID: 2025_GAIL_243268_1	
Tender Inviting Authority: GAIL (India) Limited / EPMC : BANDR	
Name of Work: CONSTRUCTION OF INDUSTRIAL WAREHOUSE AND ASSOCIATE WORKS UNDER PATNA GA FOR CITY GAS DISTRIBUTION NETWORK PROJECT	

Contract No: GAIL/BNR/PROJ/WORKS/PEB-W/25-26/62 [Tender ID: 2025_GAIL_243268_1]							
SCHEDULE OF WORK / ITEM(S)							
Sl.No	Description of Work / Item(s)	No.of Qty	Units	RAJ CONSTRUCTION (GSTN-09AAIFR3131M1ZY) BID ID - 911529		M/S B.RAI CONSTRUCTION COMPANY (GSTN-NA) BID ID - 911706	
				Rate	Amount	Rate	Amount
121.00	Erection, Testing and Commissioning of 11 kv/433 V outdoor type,3Ph,50Hz,copper wound, Dyn11, ONAN distribution transformer complete with all accessories as per REC specification 11/1976 and/or IS 2026/1180. and latest amendments there of and first oil filled. Termination arrangement for HV side : HT bushing & LV side Cable end box/Terminal box of following rating (Make of Transformer shall be approved from State Electricity Board) 63KVA including Supply and Fixing of all material and required assecoried to complete the work in all respect as per State Electricity Board	1.00	NOS	200000.00	200000.00	100000.00	100000.00
122.00	CEA Approval/ Local State Electricity Board Approval	1.00	NOS	550000.00	550000.00	25000.00	25000.00
123.00	Supply, Providing, laying and fixing following of 11 kV, 3-core × 70 mm² Aluminium conductor, XLPE insulated, armoured cable, suitable up to 11 kV.	50.00	METER	700.00	35000.00	285.00	14250.00
124.00	Supply and fixing of 11 kV indoor/outdoor termination kits heat shrink or cold shrink, suitable for 3C × 70 mm² Al cable. (Source end + Transformer end)	2.00	SET	5000.00	10000.00	400.00	800.00
125.00	Supply and installation of 11 kV Arrester (Line-to-Earth) - polymer, station class, suitable for 11 kV system	1.00	LOT	7500.00	7500.00	10000.00	10000.00
126.00	Supply and installation of 11 kV AB switch / LBS / RMU — as per scheme (including earthing links and mounting)	1.00	LOT	350000.00	350000.00	75000.00	75000.00
127.00	Supply and installation of Earthing electrodes (GI pipe / plate) including GI strip/wire, clamps, chemical backfill as required	1.00	LOT	15000.00	15000.00	12000.00	12000.00
128.00	Supply and installation LT cable 3.5-core × 35 mm² Aluminium conductor, XLPE insulated, armoured cable, suitable for LT distribution	20.00	METER	400.00	8000.00	160.00	3200.00
129.00	Supply and fixing of LT glands and lugs brass/PG/metric/type to suit 3C × 35 mm² Al cable and terminals	1.00	LOT	15000.00	15000.00	500.00	500.00
130.00	Supply and installation LT 4PMCCB 160 A, Feeder Panel with appropriate breaking capacity (kA) and adjustable thermal-magnetic protection and Min. 03 Nos 63A MCCB Outgoing Feeder with Toggle Switch, Ameter, Lamp, Voltmeter, TB and required wiring to complete the work in all respect.	1.00	LOT	100000.00	100000.00	300000.00	300000.00

L1 Amount	L1 Vendor
100000.00	M/S B.RAI CONSTRUCTION COMPANY
25000.00	M/S B.RAI CONSTRUCTION COMPANY
14250.00	M/S B.RAI CONSTRUCTION COMPANY
800.00	M/S B.RAI CONSTRUCTION COMPANY
7500.00	RAJ CONSTRUCTION
75000.00	M/S B.RAI CONSTRUCTION COMPANY
12000.00	M/S B.RAI CONSTRUCTION COMPANY
3200.00	M/S B.RAI CONSTRUCTION COMPANY
500.00	M/S B.RAI CONSTRUCTION COMPANY
100000.00	RAJ CONSTRUCTION

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Tender Inviting Authority: GAIL (India) Limited / EPMC : BANDR	
Name of Work: CONSTRUCTION OF INDUSTRIAL WAREHOUSE AND ASSOCIATE WORKS UNDER PATNA GA FOR CITY GAS DISTRIBUTION NETWORK PROJECT	

Contract No: GAIL/BNR/PROJ/WORKS/PEB-W/25-26/62 [Tender ID: 2025_GAIL_243268_1]

SCHEDULE OF WORK / ITEM(S)							
Sl.No	Description of Work / Item(s)	No.of Qty	Units	RAJ CONSTRUCTION (GSTN-09AAIFR3131M1ZY) BID ID - 911529		M/S B.RAI CONSTRUCTION COMPANY (GSTN-NA) BID ID - 911706	
				Rate	Amount	Rate	Amount
131.00	Design, necessary approval,supply, installation, programming, testing, and commissioning of a complete Addressable Fire Alarm System for the 26 m × 52 m covered warehouse. The system shall consist of an addressable fire alarm control panel (2–4 loop, expandable) with SMF battery backup, addressable multi-sensor detectors (smoke + heat), addressable manual call points, loop sounder-cum-strobes, loop isolators, FRLS armoured copper cabling with conduits, 1 pair 1.5 FRLS control cable for fire alarm (upto 1 km), junction boxes, clamps, markers, software, and all necessary accessories and consumables, along with installation and training. The system shall conform to IS 2189 and NBC 2016 Part IV requirements. Note: The approved makes for the proposed Addressable Fire Alarm System shall be as follows: Fire alarm control panel, detectors, MCPs, loop sounders, and isolators shall be of Honeywell (Notifier/Morley), Siemens, Edwards (EST), Bosch, Ravel, Agni, GST, Apollo, or Hochiki; fire alarm cables (FRLS/FRLSH copper, twisted pair) shall be of Polycab, Finolex, KEI, RR Kabel, or Havells; conduits and accessories shall be of Precision, AKG, Avon Plast, Modi, or BEC; batteries (SMF type, 24V DC backup) shall be of Exide, Amaron Quanta, Rocket, or Panasonic; and miscellaneous accessories including junction boxes, hardware, and consumables shall be of ISI-approved make, subject to Engineer-in-Charge approval.	1.00	LS	65000.00	65000.00	250000.00	250000.00
132.00	Getting approved final fire NOC licence for fire system.	1.00	LS	200000.00	200000.00	100000.00	100000.00
133.00	supply and installation required nos of photoluminescent exit sign boards of standard size (double-sided, UV-stabilized, conforming to IS 12349 and NBC 2016), LED illuminated exit sign boards with aluminium frame and inbuilt battery backup, and LED-based emergency lighting units (2 × 5 W lamps with minimum 3 hours backup), including all mounting accessories, wiring, testing, and commissioning as required.	1.00	LS	65000.00	65000.00	25000.00	25000.00
134.00	Supply, fabrication and installation of MS base frames, supports for switchgear, and brackets for miscellaneous electrical equipments, support for bulk equipment complete with base plate/foundations bolts, cable and cable tray supports, Light Fixture Support out of rolled MS sections, pipes, plates, Channel, Angle etc. including shot blasting, welding, bolting, riveting, supply of necessary anchor bolts and grouting etc., supply of paint and applying of anti-rust primer coat and finished coats of approved synthetic enamel paint suitable for highly corrosive environment, including breaking walls, floors etc. for structures as required including supply of all GI hardware materials, Approved Make Anchor Fastener, all labour and materials complete as per approved drawings, specifications of this tender and directions of Engineer-in-Charge. (Any item weighing up to 1 kg. or less shall neither be measured nor paid).	750.00	KG	110.00	82500.00	85.00	63750.00
135.00	Total amount excluding GST						

L1 Amount	L1 Vendor
65000.00	RAJ CONSTRUCTION
100000.00	M/S B.RAI CONSTRUCTION
25000.00	M/S B.RAI CONSTRUCTION COMPANY
63750.00	M/S B.RAI CONSTRUCTION COMPANY

Total in Figures

54619895.00

37874495.00

Lowest Amount Quoted BY: M/S B.RAI CONSTRUCTION COMPANY(37874495.00)

BOQ Summary Details				
Tender Title: CONSTRUCTION OF INDUSTRIAL WAREHOUSE AND ASSOCIATE WORKS UNDER PATNA GA FOR CITY GAS DISTRIBUTION NETWORK PROJECT				
Tender ID: 2025_GAIL_243268_1				
Contract No: GAIL/BNR/PROJ/WORKS/PEB-W/25-26/62 [Tender ID: 2025_GAIL_243268_1]				
Sheet Name	Sl.No	Bidder Name	Amount	Bid Rank
BoQ1	1	M/S B.RAI CONSTRUCTION COMPANY (BID ID - 911706)	44691904.10	L1
	2	RAJ CONSTRUCTION (BID ID -911529)	64451476.10	L2
BoQ2	1	M/S B.RAI CONSTRUCTION COMPANY (BID ID - 911706)	37874495.00	L1
	2	RAJ CONSTRUCTION (BID ID -911529)	54619895.00	L2

Signature Not Verified

Digitally signed by KUNAL BAIDYA
Date: 2025.10.30 14:32:54 IST
Location: eProcurement System for
Central PSUs

