



IRCON INTERNATIONAL LIMITED
NAVRATNA COMPANY



(A Government of India Undertaking under Ministry of Railways)
EXCHANGE YARD BONDAMUNDA PROJECT

Date: 15.05.2025

Summary of Acceptance of Contract (AOC)

Name of Work: “Design & Construction of Industrial Sheds with Pre- Engineered Steel Structures (PEB) excluding its civil works in connection with the Setting up of Detachment Free Rake Examination Facilities (Phase-II) at Exchange Yard of Bondamunda, South Eastern Railway”.

E-NIT No.: IRCON/S-1200028/WPO-SER/BNDM/PH-II/Re-e-tender/PEB,
Date: 10.01.2024

Tender ref No.: IRCON/BNDM/Re-eTender/PEB-II

Tender ID: 2024_IRCON_181137_1

The financial bids for the above-mentioned work were evaluated at the office of IRCON International Limited, 121/C, Mandir Marg, Ashok Nagar, Ranchi – 834002.

Based on the evaluation, **M/s Techno Fab** ranked as the lowest bidder (L1) based on financial evaluation with a quoted amount of ₹32,15,62,899.35.

Accordingly, the Letter of Acceptance (LOA) has been issued to M/s Techno Fab on 14.04.2025, with a completion period of 10 months from the date of issuance of LOA.

e-Tender No. IRCON/S-1200028/WPO-SER/BNDM/PH-II/Re-e-Tender/PEB Date: 10.01.2024



इरकॉन इंटरनेशनल लिमिटेड
नवरत्न कम्पनी
(भारत सरकार का उपक्रम)
IRCON INTERNATIONAL LIMITED
NAVRATNA COMPANY
(A Govt. of India Undertaking)



No.: IRCON/B-1200028/WPO-SER/BNDM/EYBP/PKG-PEB-II/311

Date: 16.04.2025

M/s TECHNO FAB,
PLOT NO 81, 1ST STAGE,
GAMANAGATTI INDUSTRIAL AREA,
HUBLI-580026, Karnataka
e-mail: technofabpeb@gmail.com

(Letter of Acceptance)

Name of Work: Design & Construction of Industrial Sheds with Pre-Engineered Steel Structures (PEB) excluding its civil works in connection with the Setting up of Detachment Free Rake Examination Facilities (Phase-II) at Exchange Yard of Bondamunda, South Eastern Railway/

Ref: (i) IRCON/S-1200028/WPO-SER/BNDM/PH-II/Re-e-Tender/PEB Date: 10.01.2024.
(ii) Technical Bids opened on 14.02.2024 & Financial Bids opened on 20.04.2024.
(iii) Your online offer submission date: 12-Feb-2024

With reference to the above, this is to inform you that your offer for the subject work has been accepted by the Competent Authority for and on behalf of IRCON International Limited at a total cost of **Rs. 32,15,62,899.35/- (Rupees Thirty-Two Crore Fifteen Lakh Sixty-Two Thousand Eight Hundred Ninety-Nine and Paise Thirty-Five Only) including GST @ 18%**. The summary of BOQ accepted by the Competent Authority is enclosed herewith as **Annexure-A**.

The important terms and conditions of the above tender are mentioned in brief below. However, the clauses as mentioned in tender documents shall be final and binding.

1.0 Performance Security:

1.1 In terms of SCC Clause 13.0 & GCC Clause 8.1(i), you are requested to submit performance security within 21 (Twenty One) days from the date of issue of this Letter of Acceptance (LOA) in the form of irrevocable bank guarantee on the Proforma annexed as **Annexure-II** (Addressed to:- IRCON International Limited, Acting through Project In-charge, 121/C, Mahdir Marg, Ashok Nagar, Ranchi-834002, Jharkhand) for an amount of **Rs. 1,60,78,144.97 (Rupees One crore sixty lakh seventy-eight thousand one hundred forty-four rupees and Paise ninety-seven) @ 5% (Five percent)** of the derived contract value from any scheduled bank having validity up to 60 days beyond the stipulated date of completion.



LOA - PKG-PEB-II (WPO-SER) 55-8171

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2.0 Completion Period and Programme Submission.

- 2.1 In terms of SCC Clause 10.0, completion period of the work is **TEN (10) months** from the date of issue of letter of acceptance including monsoon period. The work has to be executed in co-ordination with other agencies working on or near the project.
- 2.2 You are requested to submit within 15 (Fifteen) days of issue of this Letter of Acceptance and before the work is commenced; a detailed programme for each major element of the work, using the modern networking techniques for project monitoring, for approval of the engineer. The construction programme will show the general methods, arrangements, order and timing for all significant activities in the work identifying the **critical path for the work** clearly, along with monthly cash flow. The programme shall clearly provide for and indicate the time required for preliminaries before starting the work and shall indicate the details of commencement and completion of various sections of the work.
- 2.3 You are advised to adhere to the milestone schedule as required by SCC Clause 24.2 milestones for each activity.

3.0 Accepted Rates and Price Variation:

- 3.1 The quoted rates shall be deemed to include all the cost towards the scope of work of contractor as detailed in the tender documents, including cost of all materials, labour, plant and machinery, supervision, overhead, profit, insurances, including transit insurance, replacement/ correction of defective works, incidentals etc. and all the taxes and duties etc. complete. Nothing extra over the accepted rates will be payable unless noted expressly otherwise in the tender documents.
- 3.2 The contract price adjustment/ price variation shall be dealt as per Clause No. 9.0 of SCC.

4.0 Defect Liability Period:

The contractor shall maintain, rectify, and make good at his own cost any defect/ deficiencies, which may develop in the work or as notified by the Engineer during Defect Liability Period for **12 (Twelve) months** from the date of completion of the work as per Clause No. 11.0 of SCC.

5.0 Insurance:

In terms of Clause No. 12.0 of SCC, before commencement of works, you are requested to obtain insurance cover at your own cost as per details provided in that clause.



6.0 Contract Agreement:

You are requested to attend the office of General Manager/Civil, IRCON International Limited, 121/C, Mandir Marg, Ashok Nagar, Ranchi – 834002 (Jharkhand) for signing contract agreement within 28 days of the issue of LOA. Format of contract agreement is enclosed as **Annexure-I**. The stamp paper of the requisite value as per the prevailing laws shall be provided by the contractor at his own cost. Original agreement shall be retained by the Employer/Engineer and a certified copy shall be made available to the contractor.

7.0 Security Deposit/ Retention Money:

As per clause no. 13.2 of SCC, retention money for all contracts shall be recovered from on account/ final bills of the contractor @ 10% of gross value of each bill up to 5% of the contract value of the work.

8.0 You are advised to mobilize the resources to commence the work, immediately. Please contact the undersigned at project office, Address- IRCON International Limited, 121/C, Mandir Marg, Ashok Nagar, Ranchi- 834002, Jharkhand for further instructions.

9.0 Conditions mentioned above in this LOA are a brief reference of the terms of tender document. Detailed terms and conditions shall be as per NIT, Tender Document and corrigendum if any, which shall be an integral part of this contract and shall be binding on you.

10.0 The letter of acceptance, along with your submitted offer, shall constitute a binding contract between **M/s Techno Feb and IRCON International Limited**, till a formal agreement is drawn and executed.

11.0 This is a conditional offer and being issued in duplicate. You are requested to return one copy of this letter of acceptance duly accepted, signed and stamped on each page by your authorized representative. Acceptance of this LOA will mean that you have accepted the conditional order as well.

Thanking You,

For & on behalf of
IRCON International Limited


(Md Afroz Khan)
Addl. General Manager/PH
Encl: Annexure-A(BOQ) - 04 Pages.



Copy to: (i) ED/Works, IRCON, New Delhi, for kind information pl.
(ii) CGM/Works-II, IRCON, New Delhi, for kind information Pl.
(iii) AGM/Fin./Ranchi, for kind information pl

Design and Construction of Industrial Sheds with Pre-Engineered Steel Structures (PEB) excluding its civil works in connection with the setting up of Detachment Free rake examination facilities (Ph-II) at exchange yard of Bondamunda, South Eastern Railway Odisha

Item Sno.	Item Description	Item Code	Unit	Phase-II		
				Qty	Unit Rate (Rs)	Amount incl of 18% GST (Rs)
Schedule - A PEB Shed Work (Item Directory - Not Applicable)						
01	Designing, providing, fabricating, painting, transporting, erecting and securing in position structural steel work including Holding Down MS Bolts for pre-engineered building and workshops complete as per specifications, approved shop drawings or instructions. Work under this item would generally cover all structural steel work in the Buildings/Workshops, including all but not being limited to, columns, stanchions, beams, rafters, purlins, canopy, steel work for cladding & louvers above 3.60m high from floor level, gantry girders, bracings, catwalk, ladders & stairs inside & outside, provision for fixing Electrical, Mechanical and S & T equipments. All structural steel shall be supplied painted as per specification of the painting as per Clause ----- of Specifications for PEB in Chapter ----- Work includes all intermediate stages of activities not defined herein, but otherwise implied for completion of work under this item. Cost include but not be limited to, all materials including wastage, all consumables, fasteners of all types for both temporary and permanent stages of work, all temporary stays, labour, temporary works including staging, scaffolding, tools, plant and costs of all incidentals and necessary testing of material, workmanship etc. including cost of painting as per specifications. Note-The above description of item includes the cost of 1) Designing, providing and fixing of rain water gutters and down take pipe of 0.50 TGT pre-painted Galvalume/Zinacalume steel in approved colour all along all edges of the building based on the available surface area and rainfall data. 2) Provision of ventilation system including designing, supply and fixing at required location for 600mm throat edge ventilators along ridge for full length of the shed with required numbers of 600mm dia Turbo vents shall be provided on both side slopes to achieve minimum 5 (five) air changes per hour as per the design approved by railway. 3) Planning and providing architectural and engineering drawings with all details of Workshop including façade, plan, elevation, section, details of gantry girders & crane rail to suit installation of EOT crane, details of roofing, wall cladding, rolling shutters, flooring, cable duct, water supply, drainage, doors, windows, grills, louvers etc as per requirement of individual shed in consultation with Engineer - in - charge.	NS-1	MT	1941.00	134993.84	26,20,23,043.44



Item Sno.	Item Description	Item Code	Unit	Phase-II		
				Qty	Unit Rate (Rs)	Amount incl of 18% GST (Rs)
	4) Designing and providing detailed drawing of cable ducts, water supply, cubicles, gas pipe line, roofing, solar light pipe & polycarbonate sheets, wall cladding, industrial flooring, etc as per requirement of individual shed in consultation with Engineer –in-charge. 5) Designing and providing complete structural, fabrication and erection details drawing of all Pre – Engineered – Structures duly proof checked by IIT approved by Railway. 6) Designing, fabricating, providing, Holding Down MS Bolts including all assemblies and accessories that are embedded in concrete work under scope of this work. Bolts shall be of sufficient length to ensure that a minimum 40mm length of threaded portion is embedded in concrete. Threaded portion to be left projecting outside the concrete surface shall be as per requirement of supplier's design and approved drawings. Cost of fabricated, assembled and supplied Bolts shall include all necessary expenses incurred, including cost of all washers, nuts, locknuts and pins that may be required for securing the structural member with the embedded bolts. Work of actual fastening of the structural components with the embedded bolts shall have to be carried out by the suppliers/contractors of the PEB/Steel structure under this item only. PEB contractors/suppliers' quoted rate for this items shall include cost of executing the work for bolts of all diameter and length. 7) S.E.Railway-Indian Railway's Unified standard specifications (Material and Works), 2010 (SER-HQIRUSS- 2010), Chapter-8 shall be applicable for mode of measurement of weight for payment. 8) Weight of Rain water gutters, down take pipes, Ridge ventilators, Turbo vents and associated fixtures/ fastenings required for fitting as well as Nuts/Bolts for connection of PEB components will not be considered in measurement of weight for payment. Rate of this item is inclusive of cost of all these works also.					



Item Sno.	Item Description	Item Code	Unit	Phase-II		
				Qty	Unit Rate (Rs)	Amount incl of 18% GST (Rs)
02	Providing & fixing of composite insulated panels manufactured in a continuous process plant with high speed oscillation sprayed foam in roof and wall with all necessary flashing, trims, ridge capping, accessories & fasteners to ensure air tight, insulated building which is not only functionally compliant but also aesthetically pleasing with contemporary international look. The specification is as follows:- Composite insulated panels having on top side trapezoidal profile 28-35 mm deep and 200-300mm pitch with 950-1050 mm effective cover width. The profile having 2-3 secondary ribs in pan and an anticlimactically flute at side overlap shall be made of 0.50 mm TCT pre-painted high tensile galvalume/zincalume steel grade AZ 150/G-300 having hot dipped metallic Zn- Al alloy coating (150gms/Sqm, Zinc 45% Al 55%) as per As 1397-1993 having 300MPs yield strength with Super Durable Polyster XRW coating or equivalent as per AS/NZS- 2728-1997 category 3 total coating thickness of 35 microns comprising of 20 microns exterior coat of SMP over superpolyster XRW on top surface & 5 micron polyster reverse on back surface over 5 micron primer coat on both surfaces and bottom liner tray made of 0.50mm TCT pre-painted high tensile galvalume/Zincalume steel gade AZ 150/G-300 of similar specification as for the top sheet in approved colour including side and end taps. The panels shall have 30mm thick (Min) insulation core of rigid polyurethane foam 40 Kg/m3 density to the requirement of IS 12436-68. The panels shall be produced in a continuous process line with high pressure oscillation spray foamed insulation core. The panels of customised length shall have a return leg tongue to ensure snug and air tight joinery at bottom. Roofs of buildings, Canopy and side cladding, gable end cladding etc all complete:- The overlap side shall have an isolation tap to prevent thermal bridge. Roof and wall panels shall be fixed using stainless steel hex head self drilling fasteners as per AS 3566 class 3 or equivalent on crest of panels for connection with purlins and stitching fastener @ 300 mm c/c on all side and end laps etc. Measurement shall be based on per unit of finished laid surface area. Sealant and gaskets wherever necessary to be provided to ensure contemporary aesthetic look of international standard.	NS-2	Sqm	18215.00	2183.30	3,97,68,809.50
03	Roofs of buildings and side cladding, gable end cladding etc all complete:- Designing, supplying, erecting and fixing in position 3 mm thick polycarbonate sheets of approved make texture and colour for roof lighting. Sheets to be profiled to match metal sheets described in other item should include cost of laying sheet in curvature wherever required. cost to include jointing, sealing with Butyl adhesive to make it complete water tight and takes as per manufacturers specifications and cover all cost of labour, tools, plants, temporary works etc all complete.	NS-3	Sqm	3520.00	1811.23	63,75,529.60



Item Sno.	Item Description	Item Code	Unit	Phase-II		
				Qty	Unit Rate (Rs)	Amount incl of 18% GST (Rs)
04	Designing, providing, fabricating, painting, transporting securing in position LOUVERS with wide narrow slats as per approved drawings and instructions, complete with metal frame work in 3 mm thick steel sheet painted as per specification. Profiled sheets of louver shall be minimum 0.50 mm TCT/0.45mm BMT high tensile zinc aluminium alloy coated galvalume/ zinalume steel sheet (550 MPa yield strength) having a coating of mass of 150 GSM Zn-Al alloy coating as per As 1397-1993 finished with 20 micron approved colour coating of Silicon modified polyester (SMP)/Super polyester paint coat on exposed surface over a primer coat of 5 micron and back coat of 5 micron on reverse side over a 5microns primer coat. Cost includes necessary fillers, seals flashing, rubber strip nosing to slats complete in all respects. Payment shall be based on area measured with in frame work of louvers units.	NS-4	Sqm	1452.00	2438.09	35,40,106.68
05	Providing & fixing permanently colour coated trapezoidal profiled sheet of depth 28-35 mm deep and 200- 300mm pitch distance with precisely engineered "rib & Flute" design with 950-1050 mm effective cover width matching to profile of PUF panels. Profiled sheets shall be minimum 0.50 mm TCT/0.45mm BMT high tensile zinc aluminium alloy coated galvalume /zinalume steel sheet (550 MPa yield strength) having a coating of mass of 150 GSM Zn-Al alloy coating as per As 1397-1993 finished with 20 micron approved colour coating of Super Durable Polyester XRW coating or equivalent paint, coat on exposed surface over a primer coat of 5 micron and back coat of 5 micron on reverse side over a 5 microns primer coat. There shall be 2 small ribs/square flutes between profiles for providing additional strength. The sheet to be fixed over the purlins/girts with hexagonal head self drilling suitable fasteners with EPDM washer on crests of the sheet @ 300mm c/c on all sides and end laps etc. Measurement shall be based on per unit of finished laid surface area. Sealant and gaskets wherever necessary to be provided to ensure contemporary asthetic look of international standard.	NS-5	Sqm	9090.00	835.95	75,98,785.50
06	Supplying, erecting & fixing of Gantry rails of section CR 100/CR 80/ CR 60 as per requirement conforming to IS: 3443-1980 including supplying and fixing all fixtures viz. rail clips, nut bolts, washers etc. complete in all respect.	NS-6	MT	159.84	120224.11	1,92,16,621.74
				Total Contract Value (inc. 18 %GST) in Rs		
				33,85,22,896.46		
				Less 5.01 % as Quoted & Accepted in Rs		
				-1,69,59,997.11		
				Total Contract Value (inc. 18 %GST) in Rs		
				32,15,62,899.35		
Rupees Thirty-Two Crore Fifteen Lakh Sixty-Two Thousand Eight Hundred Ninety-Nine and Paise Thirty-Five Only						

