Tender no. - TPCODL / CCG / 26-27 / 1000009917			
Tender Description - Supply of WPB, RS Joist and H-Pole Pole at TP DISCOMs			
Sl. No.	**Tender Reference (Document name/Page no./Clause no./Clause name)**	**Pre-Bid Query raised by Bidder**	**Response(CEG/CCG/CQG)**
1	Performance Bank Guarantee (PBG) Timeline and Issuance	Request: Reduce the PBG validity period from 60 months to 24 months, aligning it with the General Conditions of Contract (GCC). Alternative Assurance: We will provide a corporate Guarantee (GC) for the full 60-month period to ensure your technical specifications and long-term security requirements are fully met. Issuance Basis: Allow the PBG to be issued on a Release Order (RO) basis rather than on the total Running Contract (RC) limit - as under past contracts, the full RC limit is rarely exhausted. Issuing a single block BG leaves a large portion of the amount unutilized while unnecessarily blocking our bank credit limits. An RO-based issuance will help us optimize our bank non-fund-based limits without compromising your financial security.	Tender Terms & Conditions shall prevail
2	Delivery Timeline Extension	Request: Extend the delivery schedule from 3 months to 4.5 months - Supply timelines are entirely dependent on the SAIL rolling plan. A 4.5-month window allows us to sync production with SAIL rolling and thus reducing the need for delivery extensions.2	Tender Terms & Conditions shall prevail
3	2.0 Pre- Qualification Criteria - B 2	Request clarification regarding the technical experience criteria outlined in the current tender documents. In the last year's tender for this item the qualification criteria explicitly defined the required experience as the supply/execution of "(Galvanized RSJ & WPB Pole) of similar sections poles." This provided a clear, objective benchmark for bidders. However, the current tender document uses the broader term "Similar Assignments". We request for clarity on this so that items similar to the tendered item are taken into consideration for qualification	Please read PQR as below pls " The intending bidder must have successfully undertaken at least the following numbers of similar assignments (WPB/H-pole/RSJ) during the last Five years as per specified herein: The bidder should have executed either 50% of the total tender quantity during last 5 years; Or single order of 25% of the total tender quantity during last 5 years; Or 2 orders of 15% each of the total tender quantity during last 5 years.
4	1) Tender 3.1 Price Basis - Price shall remain variable as per IIEMA formula	"Over the past 3 months since the start of the Iran war all commodities have risen sharply including Zinc by more than Rs 65 per kg whereas the IEEMA based PV has offered only around 1/3 of the price increase. For global commodities like Zinc MCX has a daily close value for zinc future for each month which can be tracked historically from MCX website. We propose a change to the formulae with zinc value both base month and MDCC month based value to be taken as average of daily close value for the ZINC MCX of the month. This would better track the market in real terms. The same is the case for steel too but there is no such indices for Steel in India and hence more difficult to follow. "	Tender Terms & Conditions shall prevail

5	2.0 Pre- Qualification Criteria, B Commercial Pre-Qualification Requirements Point No. 2	With reference to the attached Corrigendum dated- 01.03.2025 of last year tender for Galvanized WPB Pole, RSJ Pole in which the point no. 2 stated specific item as similar sections "(Galvanized RSJ Pole & WPB pole)" whereas in current tender; 2.0 Pre- Qualification Criteria, B Commercial Pre-Qualification Requirements Point No. 2 states "The intending bidder must have successfully undertaken at least the following numbers of similar assignments during the last Five years as per specified herein:" without specifying the particular tender item- "Galvanized WPB Pole, RSJ Pole and H Pole" as similar item required for pre-qualification. We request you to please clarify so that specific similar items only are taken into consideration for the tender pre-qualification.	Please read PQR as below pls " The intending bidder must have successfully undertaken at least the following numbers of similar assignments (WPB/H-Poles/RSJ) during the last Five years as per specified herein: The bidder should have executed either 50% of the total tender quantity during last 5 years; Or single order of 25% of the total tender quantity during last 5 years; Or 2 orders of 15% each of the total tender quantity during last 5 years.
6	TENDER DOCUMENT/PRICE VARIATION CLAUSE PAGE NUMBER-20	What shall be Base date of for PV calculation. Because some authorities consider tender publish date as ender opening and some authorities consider technical bid opening date as tender opening.	Please refer the tender document, which is stipualted below onceagain. "Base Date- Base Date shall be considered as one month prior to the tender Opening Date."
7	TENDER DOCUMENT/CLAUSE 9 REVERSE AUCTION/PAGE NUMBER-17	From tender it is not confirmed and clear that in how may partis tender shall be split. Please confirm.	IT shall depend on requirement only.
8	TECHNICAL SPECIFICATION RSJ AND WPB/DRAWING	As per tender drawings slotted hole are to be fabricated in WPB and RSJ (Screen shot of drawing enclosed). Same is not possible. Please clarify.	Slotted holes are not required. Standard round holes to be provided
9	TECHNICAL SPECIFICATION H POLES/DRAWING	Please add RINL as approve make for H Poles.	RINL as approved make for H Poles is already mentioned in the technical specification
10	GCC/LD CLAUSE	Delivery Extension: In case of delay or non-supply of WPB by the primary producer, equivalent delivery extension needs to be provided.	Tender Terms & Conditions shall prevail.
11	GENERAL	Pole Unloading: Unloading of poles shall be restricted to two locations if a single vehicle is carrying 100 nos. of poles (minimum). Otherwise, the necessary cost for unloading shall be borne by respective TPs.	Tender Terms & Conditions shall prevail.
12	Spec and DWG for 8 mtr RSJ	Please advise and cant find them as part of the specs.	8m RSJ Pole is not required.
13	Technical Specification for H Pole	11m H Pole	**Single Piece 11m H Pole** • For All TP Odisha Discoms, Single Piece H Pole shall be supplied. No Joint Plate shall be provided. • Refer Technical Specification Clause No. 4 GTP Table -2 • Revised Technical Specification is Attached
14	Technical Specification for H Pole	13m H Pole	**Single Piece 13m H Pole** • Single Piece H Pole shall be supplied. No Joint Plate shall be provided. • For TPCODL Single piece H Pole shall be supplied • For TPSODL requirement shall be confirmed by the respective Discom during RC/RO • Refer Technical Specification Clause No. 4 GTP Table -2 • Revised Technical Specification is Attached **Two Piece 13m H Pole** • Two Piece H Pole shall be supplied. 12mm Joint Plate shall be provided. • For TPNODL/TPSODL/TPWODL requirement shall be confirmed by the respective Discom during RC/RO • Refer Technical Specification Clause No. 4 GTP Table -1

STANDARD TECHNICAL SPECIFICATION COVER SHEET

Specification No: ENG-GEN-4026-R2

Specification Name: TECHNICAL SPECIFICATION FOR H TYPE POLE 200X75MM (11 ,13 & 14 MTR)

Prepared by	Reviewed by	Reviewed by	Reviewed By	Reviewed by	Approved by	Released by
Manisha Priyadarshinee	Yashobanta Rout	Suryakanta Mohanty	Tamal Aditya	Santosh Patra	Niranjan Khuntia	Pourush Garg
16-05-2026	16-05-2026	11-06-2026	11-06-2026	11-06-2026	11-06-2026	11-06-2026
TPCODL	TPCODL	TPNODL	TPSODL	TPWODL	TPCODL	TPCODL

Annexure-I

Rev. #	*Date of revision*	*Purpose of revision*	*Summary of revisions / comments*	*Initiated by*	*Revised /Reviewed by*	*Approved by*
R1	16-05-2026	Addition of 11m H Pole	11m H Pole shall be supplied with single piece	Manisha Priyadarshinee	K. Neelgandan	Niranjan Khuntia
R2	06-06-2026	Addition of GTP of 13m H Pole	13m H Pole shall be supplied with single piece	Manisha Priyadarshinee	K. Neelgandan	Niranjan Khuntia

CONTENTS

1. SCOPE:

This specification covers the design, manufacture, testing and supply of GI H Type pole structure 11Mtr. ,13Mtr. and 14 Mtr. Long. Scope also includes transportation & unloading of poles at store / site.

Sl. No.	Type of H Pole	No. of H Pole Segment
1	11m H Pole • For All TP Odisha Discoms, Single Piece H Pole shall be supplied. No Joint Plate shall be provided. • Refer Clause No. 4 GTP Table -2	1
2	13m H Pole • Single Piece H Pole shall be supplied. No Joint Plate shall be provided. • For TPCODL Single piece H Pole shall be supplied • For TPNODL/TPSODL/TPWODL requirement shall be confirmed by the respective Discom during RC/RO • Refer Clause No. 4 GTP Table -2	1
3	13m H Pole • Two Piece H Pole shall be supplied. 12mm Joint Plate shall be provided. • For TPNODL/TPSODL/TPWODL requirement shall be confirmed by the respective Discom during RC/RO • Refer Clause No. 4 GTP Table -1	2
4	14m H Pole • For All TP Odisha Discoms, Two Piece H Pole shall be supplied. 12mm Joint Plate shall be provided. • Refer Clause No. 4 GTP Table -1	2

2. APPLICABLE STANDARDS:

The equipment covered by this specification shall unless otherwise stated, be designed, manufactured and tested in accordance with the latest editions of the following Indian, International Standards and shall conform to the regulations of the local authorities:

IS 2062	Hot Rolled Medium and High Tensile Structural Steel

IS 2629	Recommended Practice for Hot-Dip Galvanizing of Iron and Steel
IS 2633	Methods for testing uniformity of coating of zinc coated articles
IS 4759	Hot-dip zinc coatings on structural steel and other allied products
IS 6745	Method for determination of mass of zinc coating on zinc coated iron and steel articles

3. CLIMATIC CONDITIONS OF THE INSTALLATION:

SL.NO.	CONDTIONS	VALUES
1	Max. altitude above sea level	1200m
2	Max. Ambient Temperature	50 °C
3	Max. Daily average ambient temp	35 °C
4	Min Ambient Temp	0 °C
5	Maximum temperature attainable by an object exposed to sun	60 °C
6	Maximum Humidity	95%
7	Minimum Humidity	10%
8	Average No. of thunderstorm days per annum	70
9	Average Annual Rainfall	150 cm
10	Average No. of rainy days per annum	120
11	Thermal Resistivity of soil	150 Deg. Ccm/W
12	Wind Pressure	126 kg/sq. m up to an elevation of 10 meter.
13	Earthquakes of intensity in horizontal direction	equivalent to seismic acceleration of 0.3g
14	Earthquakes of intensity in vertical direction	equivalent to seismic acceleration of 0.15g
15	Wind velocity	300 km/hr.

TPCODL/TPNODL/TPSODL/ TPWODL service area **has heavy saline conditions along the coast and High cyclonic Intensity winds with speed up to 300 Km ph**. The atmosphere is generally laden with mild acid, dust in suspension during the dry months, and is subjected to fog in cold months.

4. GENERAL TECHNICAL REQUIREMENTS:

Table-1

SL NO	PARTICULAR	UNIT	TPCODL/TPNODL/TPWODL/TPSODL REQUIREMENT	
1	Description of Item		13 MTR H Pole	14 MTR H Pole
2	Type of Steel		MS (HDG)	
3	Make	Name	SAIL/TATA/JINDAL/RINL (Billet/Rerolling Shall not accepted)	
4. For ISMC 200X75 (Make SAIL/TATA/Jindal/RINL)				
i)	No of Segment of H Pole	NO	2 (i.e. Bottom & Top)	2 (i.e. Bottom & Top)
ii)	Length Of ISMC (Bottom)	MM	6984	6992
iii)	Length Of ISMC (Top)	MM	6000	6992
iv)	Section of ISMC (DX BX t)	MM	200X75x6.2	200X75x6.2
v)	Radius (R1 & R2)	MM	11.0 & 3.2	11.0 & 3.2
vi)	Moment of inertia IXX	CM^4	1830	1830
	IYY	CM^4	141	141
vii)	Radius of Gyration RXX	CM	8.02	8.02
	RYY	CM	2.22	2.22
viii)	Sectional Area	CM^2	28.5	28.5
ix)	GI Stiffener for Channels (welded to both the channels along 200 mm side (separated by 300 mm)	MM	150x 75x5.7	150x 75x5.7
x)	GI Base Plate	MM	450 x450 x10	450 x450 x10
xi)	GI Stiffener in Web	MM	150 x 450 x 6	150 x 450 x 6
xii)	GI Stiffener in Flange	MM	150 x 119 x 6	150 x 119 x 6
xiii)	Jointing Plate in thickness	MM	12	12
xiv)	Standard for steel		IS 808:1989	IS 808:1989
SL NO	**PARTICULAR**	**UNIT**	**TPCODL/TPNODL/TPWODL/TPSODL REQUIREMENT**	
xv)	Grade of Steel Size		E250 A as per IS 2062:2011	
xvi)	Dimension Tolerance	±	As per IS 1852:1985	
xvii)	Weight Kg/M With ± 2.5% tolerance	KG	22.3	
Mechanical Properties For Channel (As per Is 2062:2011)				
xviii)	Yield Stress	N/SqMM	250	
xix)	Tensile stress	N/SqMM	410	
xx)	Elongation	%	Min-23	
xxi)	Bend Test (2T)		shall Not Cracked	

Chemical Composition For Channel (As per Is 2062:2011)			
xxii)	C	%	Max-0.23
xxiii)	MN	%	Max-1.50
xxiv)	S	%	Max-0.045
xxv)	P	%	Max-0.045
xxvi)	SI	%	Max-0.40
xxvii)	Carbon Equivalent (Max)	%	Max-0.42
xxviii)	Mode of Deoxidation		Semi Killed/Killed
5.GALVANIZING			
i)	Applicable Galvanizing Standard		IS 2629
ii)	Inspection Galvanizing Standard		IS 4759/6745/2633
iii)	Zinc Coating	Gms/Sq Mtr, Micron	Min 705/100
iv)	Uniformity	withstood	6 time dip Each Dip 1 Min
6. MARKING			
	Non-erasable embossing is to be made on each H Pole	Engraving / Embossing	a) ISI Mark b) H Pole 13 Mtr. / 14 Mtr/ 11Mtr. c) E-250 A d) Manufacturer Name/ Trade Mark Engraved Marking (Punching before galvanization) e) "TPCODL/TPNODL/TPWODL/TPSODL" f) P.O No and Date of Manufacturing

Table -2

SL NO	PARTICULAR	UNIT	TPCODL/TPNODL/TPWODL/TPSODL REQUIREMENT	
1	Description of Item		13 MTR H Pole	11MTR H Pole
2	Type of Steel		MS (HDG)	
3	Make	Name	SAIL/TATA/JINDAL/RINL (Billet/Rerolling Shall not accepted)	
5. For ISMC 200X75 (Make SAIL/TATA/Jindal/RINL)				
i)	No of Segment of H Pole	NO	1	1
ii)	Length Of ISMC (Bottom)	MM	Single Piece	Single Piece
iii)	Length Of ISMC (Top)	MM		
iv)	Section of ISMC (DX BXt)	MM	200X75x6.2	200X75x6.2
v)	Radius (R1 & R2)	MM	11.0 & 3.2	11.0 & 3.2
	Moment of inertia IXX	CM^4	1830	1830

	IYY	CM^4	141	141
vii)	Radius of Gyration RXX	CM	8.02	8.02
	RYY	CM	2.22	2.22
viii)	Sectional Area	CM^2	28.5	28.5
ix)	GI Stiffener for Channels (welded to both the channels along 200 mm side (separated by 300 mm)	MM	150x 75x5.7	150x 75x5.7
x)	GI Base Plate	MM	450 x450 x10	450 x450 x10
xi)	GI Stiffener in Web	MM	150 x 450 x 6	150 x 450 x 6
xii)	GI Stiffener in Flange	MM	150 x 119 x 6	150 x 119 x 6
xiii)	Jointing Plate in thickness	MM	NA	NA
xiv)	Standard for steel		IS 808:1989	IS 808:1989

SL NO	**PARTICULAR**	**UNIT**	**TPCODL/TPNODL/TPWODL/TPSODL REQUIREMENT**
xv)	Grade of Steel Size		E250 A as per IS 2062:2011
xvi)	Dimension Tolerance	±	As per IS 1852:1985
xvii)	Weight Kg/M With ± 2.5% tolerance	KG	22.3
Mechanical Properties For Channel (As per Is 2062:2011)			
xviii)	Yield Stress	N/SqMM	250
xix)	Tensile stress	N/SqMM	410
xx)	Elongation	%	Min-23
xxi)	Bend Test (2T)		shall Not Cracked
Chemical Composition For Channel (As per Is 2062:2011)			
xxii)	C	%	Max-0.23
xxiii)	MN	%	Max-1.50
xxiv)	S	%	Max-0.045
xxv)	P	%	Max-0.045
xxvi)	SI	%	Max-0.40
xxvii)	Carbon Equivalent (Max)	%	Max-0.42
xxviii)	Mode of Deoxidation		Semi Killed/Killed
5.GALVANIZING			
i)	Applicable Galvanizing Standard		IS 2629
ii)	Inspection Galvanizing Standard		IS 4759/6745/2633
iii)	Zinc Coating	Gms/Sq Mtr, Micron	Min 705/100

iv)	Uniformity	withstood	6 time dip Each Dip 1 Min
6. MARKING			
	Non-erasable embossing is to be made on each H Pole	Engraving / Embossing	a) ISI Mark b) H Pole 13 Mtr. / 14 Mtr/ 11Mtr. c) E-250 A d) Manufacturer Name/ Trade Mark Engraved Marking (Punching before galvanization) e) "TPCODL/TPNODL/TPWODL/TPSODL" f) P.O No and Date of Manufacturing

6. GENERAL CONSTRUCTION:

H Pole Structure: The H Pole structures are to be constructed with two parallel run 200x75x6.2 mm G.I. Channels. Both the channels are separated by 300 mm distance (run through the entire length). The bottom channels are further connected with stiffeners (on each side) of size 150x 75x5.7mm G.I. Flats welded to both the channels along 200 mm side (separated by 300 mm). At the bottom, the channels are fixed with a Base Plate of 450 x450 x10 mm along with two nos. of stiffener plate having dimensions, 150x450x6 mm and 150x119x6 mm thickness welded with base plate.

However, in case of any discrepancy between the above data & the relevant IS, the values indicated in the IS shall prevail. All the acceptance Tests / routine tests shall be carried out as per relevant IS. The approved makes are SAIL, JINDAL, RINL & TATA (Billet with re rolling not allowed).

6.1 Galvanization:

H Pole shall be hot dip galvanized, are as following:

a) All galvanizing shall be carried out by the hot dip process, in accordance with Specification IS 2629. However, high tensile steel nuts, bolts and spring washer shall be electro galvanized.

b) The zinc coating (min 705 gms per sq.mt /min 100Micron 6 Dips) shall be smooth, continuous and uniform. It shall be free from acid spot and shall not scale, blister or be removable by handling or packing.

c) There shall be no impurities in the zinc or additives to the galvanic bath which could have a detrimental effect on the durability of the zinc coating. Purity of zinc shall be Zn 99.95% or better.

d) In the event of damage to the galvanizing the method used for repair shall be subject to the approval of the Engineer in Charge or that of his representative. Repair of galvanization at site will not be permitted in any situation.

e) The threads of all galvanized bolts and screwed rods shall be cleared of spelter by spinning or

brushing. A die shall not be used for cleaning the threads unless specifically approved by the Engineer in Charge. All nuts shall be galvanized. The threads of nuts shall be cleaned with a tap and the threads oiled.

f) Partial immersion of the work shall not be permitted and the galvanizing tank must therefore be sufficiently large to permit galvanizing to be carried out by one immersion.

g) After galvanizing no drilling or welding shall be performed on the galvanized parts of the equipment excepting that nuts may be threaded after galvanizing. To avoid the formation of white rust galvanized materials shall be stacked during transport and stored in such a manner as to permit adequate ventilation. Sodium dichromate treatment shall be provided to avoid formation of white rust after hot dip galvanization. The galvanized steel shall be subjected to test as per IS-2633.

h) Quality of Hot Dip Galvanization should comply with IS 2629, ISO 1461 & should be guaranteed for any type of damage due to harsh climatic condition for 5 Years. These poles are to be used in coastal areas of Odisha where climate is hot, humid & saline. These areas are prone to flood & frequent rainfall.

7. MARKING:

Following distinct non-erasable embossing is to be made on each H Poles to be supplied to TPCODL/TPNODL/TPWODL/TPSODL under this Tender.

a) ISI Mark
b) H Pole 13 Mtr. / 14 Mtr/ 11Mtr.
c) E-250 A
d) Manufacturer Name/ Trade Mark

Engraved Marking (Punching before galvanization)

a) “TPCODL/TPNODL/TPWODL/TPSODL”
b) P.O No and Date of Manufacturing

8. TESTS:

The bidder shall be required to submit complete set of the following test reports along with the offer: -

8.1 ACCEPTANCE TESTS

i) Chemical Composition
ii) Mechanical Properties
iii) Dimension Test & Weight (kg/M) Visual Examination,
iv) Test in respect of Hot Dip Galvanization i.e. Thickness of zinc coating in microns

8.2 ROUTINE TESTS

Same as Acceptance Test

8.3 TYPE TESTS

i) Chemical Composition

ii) Mechanical Properties

iii) Test in respect of Hot Dip Galvanization i.e. thickness of zinc coating in microns

9. TYPE TEST CERTIFICATES:

The Bidder shall furnish the type test certificates for the tests as mentioned above as per the corresponding standards. All the tests shall be conducted at **CPRI/ERDA/Any NABL Accredited Govt. Lab** as per relevant IS. However, TPCODL/ TPWODL/ TPNODL/ TPSODL reserves the right to allow any other NABL accredited/ Govt. lab report under exceptional circumstances after due diligence/ scrutiny by DISCOM. Type tests should have been conducted during the period not exceeding 5 years from the date of opening the bid. In the event of any discrepancy in the test reports, i.e. any test report not acceptable, same shall be carried out without any cost implication to TPCODL/ TPWODL/ TPNODL/ TPSODL.

10. PRE-DISPATCH INSPECTION:

The material shall be subject to inspection by a duly authorized representative of the TPCODL/TPNODL/TPWODL/TPSODL. Inspection may be made at any stage of manufacture at the discretion of the purchaser and the equipment, if found unsatisfactory as to workmanship or material, the same is liable to rejection. Bidder shall grant free access to the places of manufacture to TPCODL/TPNODL/TPWODL/TPSODL's representatives at all times when the work is in progress. Inspection by the TPCODL/TPNODL/TPWODL/TPSODL or its authorized representatives shall not relieve the bidder of his obligation of furnishing equipment in accordance with the specifications. Material shall be dispatched after specific MDCC (Material Dispatch Clearance Certificate) is issued by TPCODL/TPNODL/TPWODL/TPSODL.

Following documents shall be sent along with material.

a) Test reports

b) MDCC issued by TPCODL/TPNODL/TPWODL/TPSODL

c) TPCODL/TPNODL/TPWODL/TPSODL Invoice in duplicate

d) Packing list

e) Drawings & catalogue

f) Guarantee / Warrantee card

g) Delivery Challan

h) Other Documents (as applicable).

11. INSPECTION AFTER RECEIPT AT STORE:

The material received at TPCODL/TPNODL/TPWODL/TPSODL, Odisha store will be inspected for acceptance and shall be liable for rejection, if found different from the reports of the pre-dispatch inspection and one copy of the report shall be sent to Engineering department.

12. GUARANTEE:

Bidder shall stand guarantee towards design, materials, workmanship & quality of process/ manufacturing of items under the contract for due and intended performance of the same, as an integrated product delivered under this contract. In the event any defect is found by the Company up to a period of 54 months from the date of commissioning or 60 months from the date of last supplies made under the contract, whichever is earlier, supplier shall be liable to undertake to replace/rectify such defects at his own costs. within mutually agreed timeframe, and to the entire satisfaction of the Company, failing which the Company will be at liberty to get it replaced/rectified at supplier's risks and costs and recover all such expenses plus the Company's own charges (@ 20% of expenses incurred), from the supplier or from the "Security cum Performance Deposit" as the case may be.

Galvanization Guarantee- Quality of Hot Dip Galvanization should be guaranteed for any type of damage due to harsh climatic condition for 5 Years.

13. PACKING:

Supplier shall ensure that all material covered by this specification shall be prepared for rail/road transport (local equipment) and be packed in such a manner as to protect it from damage in transit. The bidder shall provide instructions regarding handling and storage precautions to be taken at site.

14. TENDER SAMPLE:

Not Applicable

15. QUALITY CONTROL:

The bidder shall submit QAP indicating the various stages of inspection, the tests and checks which will be carried out on the material of construction, components during manufacture and bought out items and fully assembled component and equipment after finishing. As part of the plan, a schedule for stage and final inspection within the parameters of the delivery schedule shall be furnished. The Purchaser's engineer or its nominated representative shall have free access to the manufacturer's/sub-supplier's works to carry out inspections.

16. TESTING FACILITIES:

Supplier/ Manufacturer shall have adequate in house testing facilities for carrying out all routine tests & acceptance tests as per relevant Indian standards.

17. MANUFACTURING FACILITIES:

The bidder shall get the approved drawing and GTP before start of manufacturing activity. The successful bidder will have to submit details of the offered design & components for approval as per specification. CAT-A/CAT-B is mandatory to start manufacturing.

18. SPARES, ACCESSORIES AND TOOLS

Not applicable.

19. DRAWINGS AND DOCUMENTS:

Following drawings and documents shall be submitted in line with the requirement of Tender specifications:

a) Completely filled in Schedule “A” Guaranteed Technical Particulars & Schedule “B” Deviations
b) Work Experience details
c) Type test certificates.
d) Drawing 1 set of Hard Copy & Soft copy PDF File containing complete information about manufacturing.

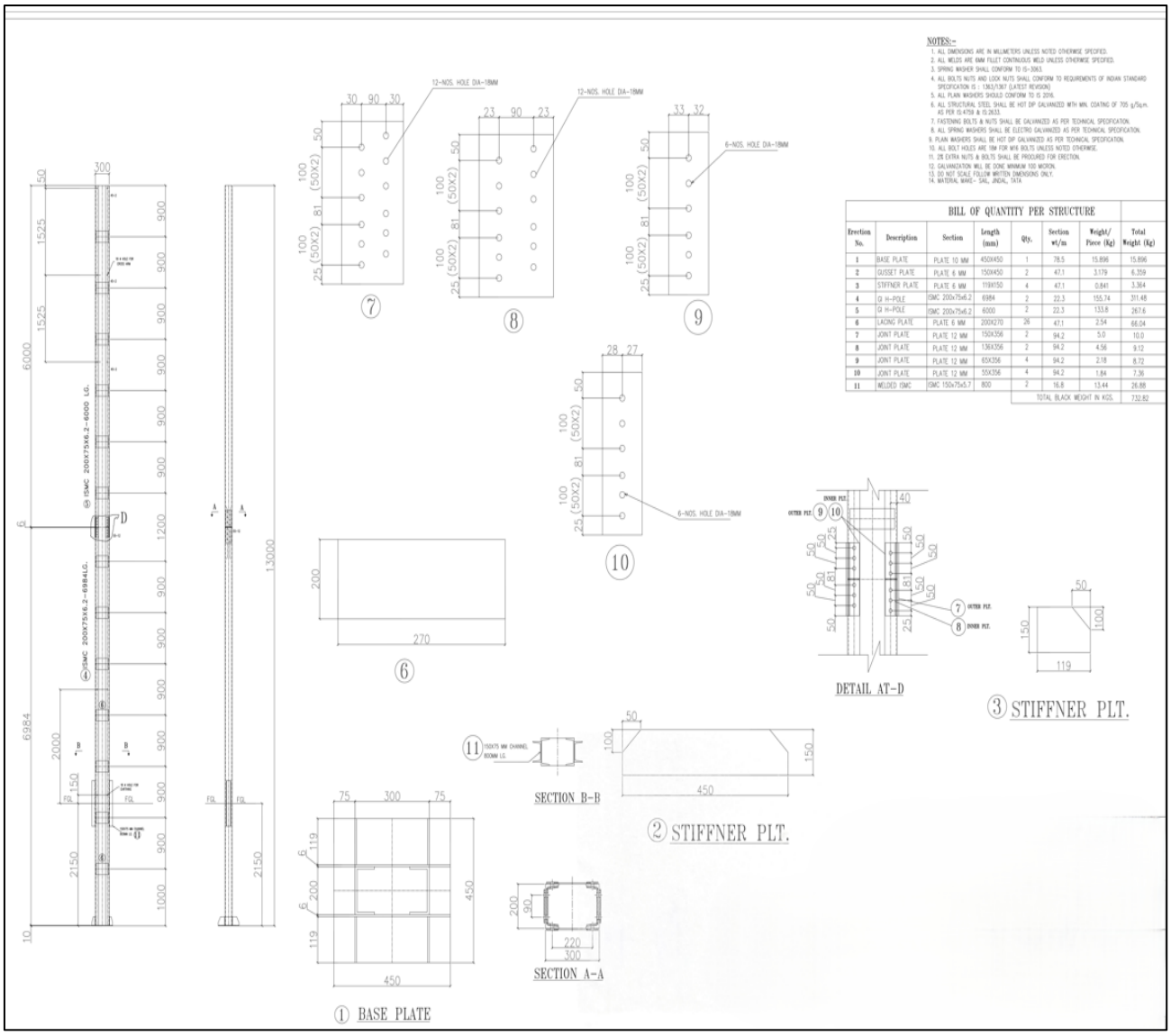

FIG 1: 13 Mtr. H POLE (with joints) Drawing

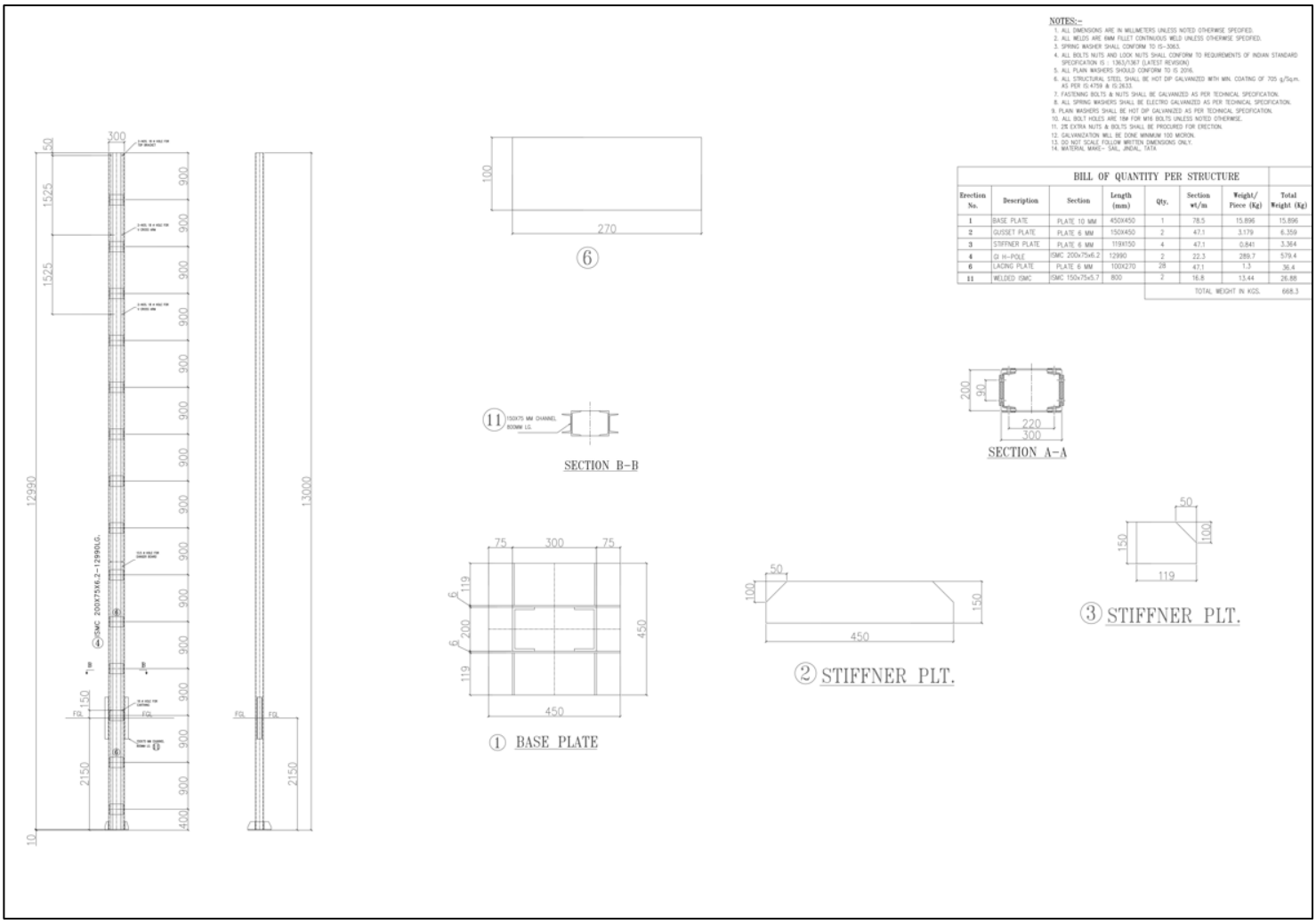

FIG 1.1: 13 Mtr. H POLE (Single piece) Drawing

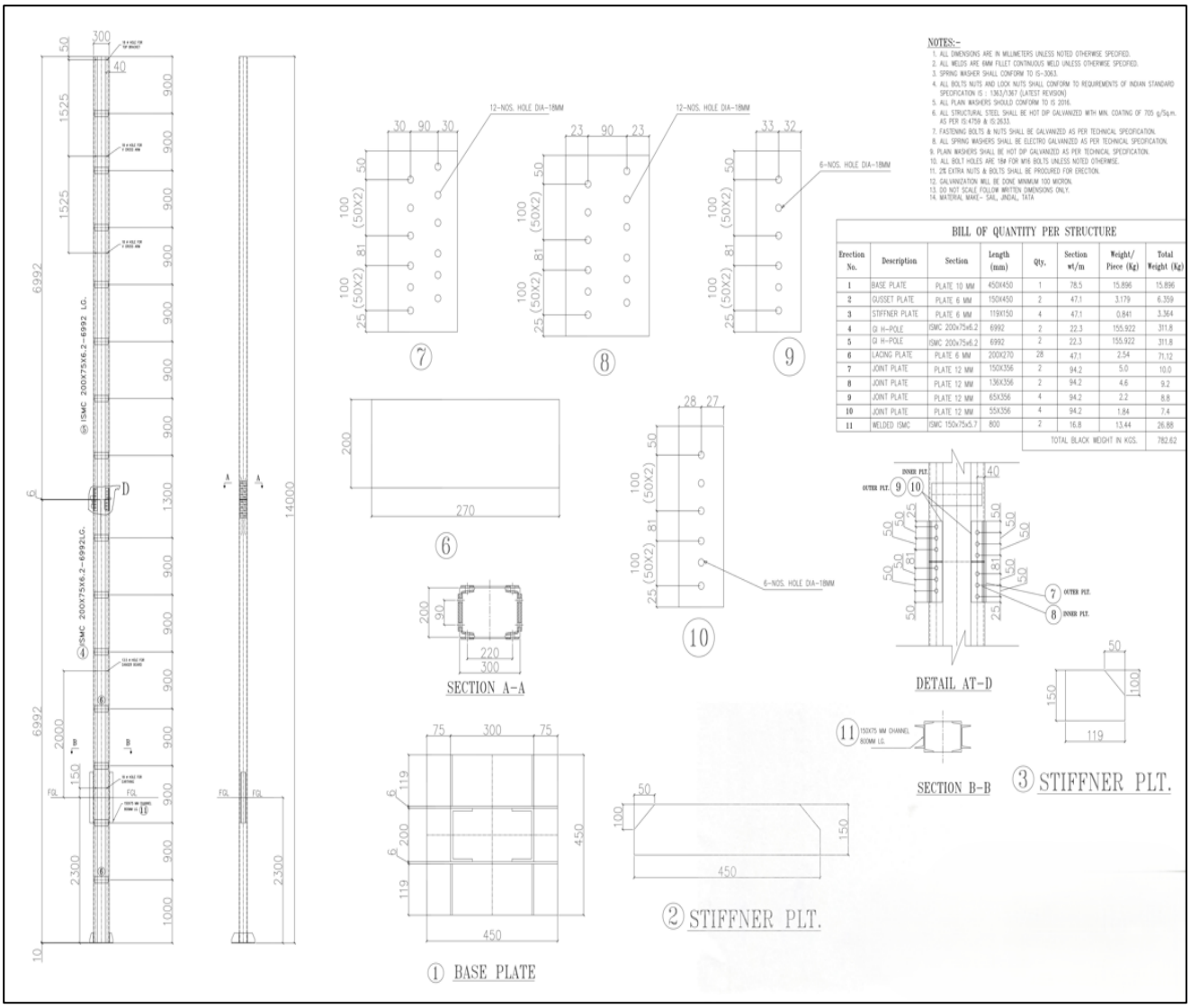

FIG 2: 14 Mtr. H POLE Drawing

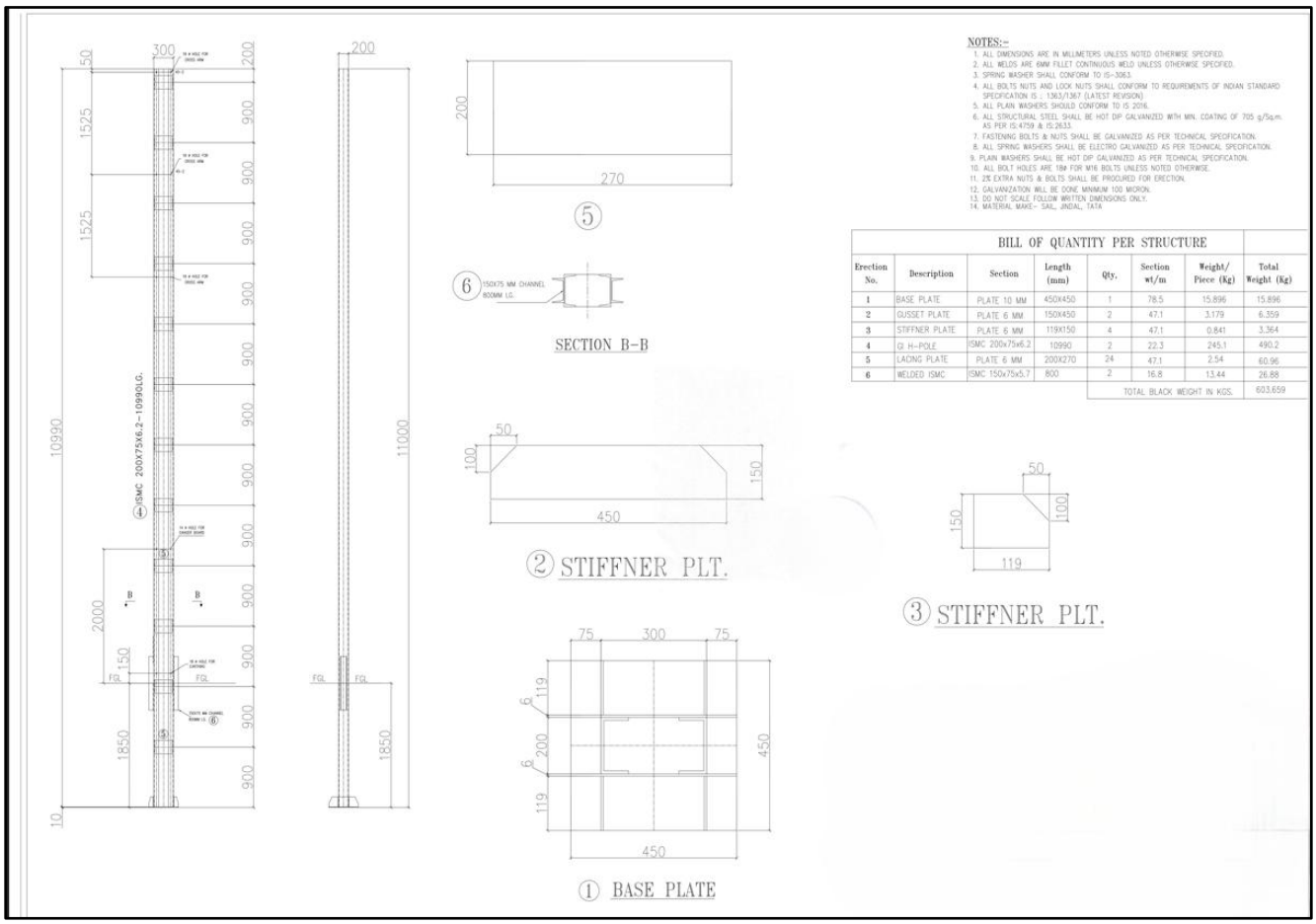

FIG 3: 11 Mtr. H POLE

Note: - These are the indicative drawings and for tender purpose only.

20. SCHEDULE- "A" GUARANTEED TECHNICAL PARTICULARS:

Bidder to submit completely clause wise compliance of this specification.

21. SCHEDULE "B" DEVIATIONS:

(TO BE ENCLOSED WITH TECHNICAL BID)

All deviations from this specification shall be set out by the Bidders, clause by Clause in this schedule. Unless specifically mentioned in this Schedule, the tender shall be deemed to confirm the purchaser's specifications:

SL. No	Clause No.	Details of deviation with justifications

We confirm that there are no deviations apart from those detailed above.

Seal of the Company:

Signature

Designation