

**BIDDING DOCUMENT FOR THE SUPPLY, DELIVERY, FABRICATION AND
INSTALLATION OF THE SOLAR PV MOUNTING STRUCTURE FOR THE
SMART CITY SOLAR PROJECT**

PROCUREMENT REFERENCE No: CBTD28-26



COMPETITIVE BIDDING TENDER CBTD 28-26

INVITATION TO BID

**FOR THE SUPPLY, DELIVERY, FABRICATION AND INSTALLATION OF
SOLAR PV MOUNTING STRUCTURE FOR THE SMART CITY PROJECT**

Tender Closing Date: **01 April 2026**

Time: 11.00am

**BIDDING DOCUMENT FOR THE SUPPLY, DELIVERY, FABRICATION AND
INSTALLATION OF THE SOLAR PV MOUNTING STRUCTURE FOR THE
SMART CITY SOLAR PROJECT**

PROCUREMENT REFERENCE No: CBTD28-26



**Standard Bidding Document for the
Procurement of: FOR THE SUPPLY, DELIVERY, FABRICATION
AND INSTALLATION OF THE SOLAR PV MOUNTING
STRUCTURE FOR THE SMART CITY SOLAR PROJECT**

Procurement Reference No: CBTD28-26

Procuring Entity: TelOne Zimbabwe

Date of Issue:

**FOR THE SUPPLY, DELIVERY, FABRICATION AND INSTALLATION OF THE
SOLAR PV MOUNTING STRUCTURE FOR THE SMART CITY SOLAR PROJECT**

Table of Contents

Part 1: Bidding Procedures.....

Part 2: Statement of Requirements.....

Part 3: Draft Contract.....

BIDDING DOCUMENT FOR THE SUPPLY, DELIVERY, FABRICATION AND INSTALLATION OF THE SOLAR PV MOUNTING STRUCTURE FOR THE SMART CITY SOLAR PROJECT

PROCUREMENT REFERENCE NO: CBTD28-26

PART 1: BIDDING PROCEDURES

Procurement Reference Number: CBTD 28-26

Preparation of Bids

You are requested to bid The Supply, Delivery, Fabrication and Installation of the Solar Panel Mounting Structure for the Smart City Project. Requirements below, by completing and returning the following documentation:

1. Completed and signed Bid Submission Sheet in this Part;
2. the Statement of Requirements in Part 2;
3. Validity period of tender of 60 days (Bidders must sign the bid submission sheet)
4. At least three written reference letters (in the form of official letters from client companies) for supply and delivery of related goods.
5. Completed and signed bid securing declaration in the format specified in Annex F
6. A copy of
 - i. *Current Tax Clearance Certificate*
 - ii. *Current VAT Certificate*
 - iii. *CR6 (or CR14) showing Company Directors*
 - iv. *Certificate of Incorporation or equivalent registration in the country of residence*

You are advised to carefully read the complete Bidding Document, before preparing your Bid.

The standard forms in this document may be retyped for completion but the Bidder is responsible for their accurate reproduction. All pages of the Bid must be clearly marked with the Procurement Reference Number above and the Bidder's name and any reference number.

Number of bids allowed

No Bidder may submit more than one bid, either individually or as a joint venture partner in another Bid, except as a subcontractor. Where the procurement is divided into lots and packages, only one Bid can be submitted. A conflict of interest will be deemed to arise if bids are received from more than one Bidder owned, directly or indirectly, by the same person.

Clarification

Clarification of the bidding document may be requested in writing by any Bidder before **30 March 2026** and should be sent to

The Procurement Executive,

TelOne

P.O. Box CY331

Causeway,

Harare

Zimbabwe

Email- selina.gatawa@telone.co.zw ; desire.tavarwisa@telone.co.zw; and cladios.chenga@telone.co.zw

NB: All prospective bidders are required to register with TelOne by sending an email to selina.gatawa@telone.co.zw and procurement@telone.co.zw immediately after downloading the tender document. Responses to queries and clarifications will be communicated to all registered bidders and will also be published on TelOne Website.

BIDDING DOCUMENT FOR THE SUPPLY, DELIVERY, FABRICATION AND INSTALLATION OF THE SOLAR PV MOUNTING STRUCTURE FOR THE SMART CITY SOLAR PROJECT

PROCUREMENT REFERENCE NO: CBTD28-26

Validity of Bids

The minimum period for which the Bidder's bid must remain valid is 60 days from the deadline for the submission of bids.

Submission of Bids

- a) Bids must be submitted in writing in a sealed envelope to the address below, no later than the date and time of the deadline below. It is the Bidder's responsibility to ensure that they receive a receipt confirming submission of their bid that has correct details of the Bidder and the number of the Bid.
- b) The Bidder must mark the envelope with the Bidder's name and address and the Procurement Reference Number.
- c) The bidder must submit one (1) original and two (2) copies of the tender document clearly marked as "original" and "copy". In the event of any discrepancy between them, the original shall govern. The original and all copies of the tender shall be typed or written in indelible ink and shall be signed by the bidder or a person/persons duly authorized to bind the bidder to the contract.

Late bids will be rejected. The Procuring Entity reserves the right to extend the bid submission deadline but will notify all potential bidders who have collected the bidding documents of the amended bid submission deadline.

Date of deadline: 01 April 2026

Deadline Time: 11.00 hours Zimbabwe Time

Submission address: The PMU Executive,
TelOne,
8th Floor,
Runhare House, South Wing
107 Kwame Nkrumah Ave
HARARE, ZIMBABWE

Means of acceptance: The tender shall be enclosed in an envelope which shall be sealed and marked on the outside with the advertised tender number, description, closing date and time and must be hand delivered to the above stated address. Tender submission by Tele-fax/email shall not be accepted save for issue of queries.

Bid opening

Bidders and their representatives may witness the opening of bids, which will take place via ZOOM meeting on the date of submission. The link can be requested on the following email: procurement@telone.co.zw

Withdrawal, amendment or modification of Bids

A Bidder may withdraw, substitute, or modify its Bid after it has been submitted by sending a written notice, duly signed by an authorized representative. However, no Bid may be withdrawn, substituted, or modified in the interval between the deadline for submission of Bids and the expiration of the period of Bid validity specified by the Bidder or any extension of that period.

Delivery Requirements

The delivery period required (from the date of contract signing) and the final destination for delivery are as indicated in the Delivery Schedule in Part 2.

Bid Prices and Discounts

BIDDING DOCUMENT FOR THE SUPPLY, DELIVERY, FABRICATION AND INSTALLATION OF THE SOLAR PV MOUNTING STRUCTURE FOR THE SMART CITY SOLAR PROJECT

PROCUREMENT REFERENCE NO: CBTD28-26

The prices and discounts quoted by the Bidder in the Bid Submission Form and in the Price Schedules must conform to the requirements specified below.

Prices must be quoted as specified in the Price Schedule included in Part 2 Statement of Requirements. In quoting prices, the Bidder is free to use transportation through carriers registered in any eligible country and similarly may obtain insurance services from any eligible country. Prices quoted must include the following costs and components:

- (a) For the goods
 - (i) the price of the goods and the cost of delivery to the final destination, including the relevant INCOTERM, as stated in the Delivery Schedule;
 - (ii) the custom duties to be paid on the goods on entry in Zimbabwe, if not already included;
 - (iii) Any other applicable import taxes;
 - (iv) any sales and other taxes due within Zimbabwe which will be payable on the goods, if not already included;
 - (v) Any rebate or mark-up of the local agent or representative.
- (b) for Related goods, (other than inland transportation and other services required to convey the Goods to their final destination), whenever such Related goods are specified in the Schedule of Requirements:

The price of each item comprising the related goods (inclusive of any applicable taxes).

Evaluation of Bids

Bids will be evaluated using the following methodology:

1. Preliminary evaluation the preliminary evaluation shall consider bidders' compliance with requirements by submitting the following mandatory requirements

Preliminary Tender Requirements	Bidder Compliance C – Compliant NC – Non-Compliant
Completed Statement of Requirements in Part 2;	
A copy of Current Tax Clearance Certificate	
A copy of CR6 or CR14 showing the Company Directors	
A copy of Certificate of Incorporation or equivalent registration in the country of residence	

NB Bidders with outstanding deliveries for similar requirements shall not be considered for this tender.

FAILURE TO COMPLY WITH ANY OF THE ABOVE REQUIREMENTS WILL LEAD TO AUTOMATIC DISQUALIFICATION

2. **Technical evaluation**

The Technical Specifications Sheet details the minimum specification of the Goods required. The goods offered must meet this specification, but no credit will be given for exceeding the specification. The technical evaluation shall consider bidder's compliance with the technical specifications of the tender given below. The technical specifications of the project are broken down into technical components ALL of which must be complied with.

The delivery period required is measured from the date of the signing of the Contract between the Procuring Entity and the Bidder.

3. Financial evaluation and comparison to determine the evaluated price of bids and to determine the lowest evaluated bid.

BIDDING DOCUMENT FOR THE SUPPLY, DELIVERY, FABRICATION AND INSTALLATION OF THE SOLAR PV MOUNTING STRUCTURE FOR THE SMART CITY SOLAR PROJECT

PROCUREMENT REFERENCE NO: CBTD28-26

Bids failing any stage will be eliminated and not considered in subsequent stages.

Evaluation criteria

The Procuring Entity's evaluation of a Bid will take into account, in addition to the Bid Price, the following criteria and methodologies.

- (a) **Delivery schedule:** The specified Goods are required to be delivered by the date indicated in the Delivery Schedule in Part 2. If the delivery period offered differs from the requirements in the schedule, bidder must state in their bid.
- (b) **Deviation in payment schedule:** The payment schedule is stated in the contract. A Bidder may propose a deviation from the schedule and if the deviation is considered acceptable to the Procuring Entity, the Bid will be evaluated by calculating interest earned for any earlier payments involved in the terms outlined in the Bid as compared with those stipulated in the SCC, at the rate of interest indicated by the Reserve Bank of Zimbabwe on the closing date for submission of bids.
- (c) **Cost of major replacement components, mandatory spare parts, and service:**
Bidders must state the unit prices for these items. The total cost of these items and quantities will be added to the Bid price, for evaluation purposes only.
- (d) **Life Cycle Costs:** An adjustment to take into account the additional life cycle costs for the period specified below, such as the operating and maintenance costs of the Goods, including the cost to the Procuring Entity of establishing the minimum service facilities and parts inventories if not available in Zimbabwe, will be added to the Bid price for evaluation purposes only. The adjustment will be evaluated in accordance with the methodology specified below and the following information:
A margin of preference, in accordance with the procedures outlined in section 8 of the Regulations,
- (e) Bidders must have traceable proof of experience in a similar project

Eligibility and Qualification Criteria

Bidder is required to meet these criteria to be eligible to participate in public procurement and to be qualified for the proposed contract. They must therefore provide any available documentation and certify their eligibility in the Bid Submission Sheet. To be eligible, Bidder must

1. Have the legal capacity to enter into a contract;
2. not be insolvent, in receivership, bankrupt or being wound up, not have had business activities suspended and not be the subject of legal proceedings for any of these circumstances;
3. Have fulfilled their obligations to pay taxes and social security contributions in Zimbabwe;
4. Not have a conflict of interest in relation to this procurement requirement, and
5. Not be debarred from participation in public procurement;

Origin of Goods

All Goods and related services must have as their country of origin an eligible country, as specified in the Contract.

Technical Criteria

The Technical Specifications Sheet details the minimum specification of the goods required. The goods offered must meet this specification, but no credit will be given for exceeding the specification. Marking criteria: Bids MUST be fully compliant with each item specification.

Currency

Bidders should quote in US\$ Payable in USD.

**BIDDING DOCUMENT FOR THE SUPPLY, DELIVERY, FABRICATION AND
INSTALLATION OF THE SOLAR PV MOUNTING STRUCTURE FOR THE SMART
CITY SOLAR PROJECT**

PROCUREMENT REFERENCE NO: CBTD28-26

Award of Contract

The lowest evaluated bid to specification after application of any additional evaluation criteria, including any margin of preference, which is substantially responsive to the requirements of this bidding document will be recommended for award of contract. The proposed award of contract will be by issue of a Notification of Contract Award which will be effective until signature of the contract documents. Unsuccessful Bidders will receive the Notification of Contract Award.

Right to Reject

The Procuring Entity reserves the right to accept or reject any Bids or to cancel the procurement process and reject all Bids at any time prior to contract award.

Corrupt Practices

The Government of Zimbabwe requires that Procuring Entities, as well as Bidders and Contractors, observe the highest standard of ethics during the procurement and execution of contracts. In pursuit of this policy:

1. the Procuring Entity will reject a recommendation for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract or been declared ineligible to be awarded a procurement contract;
2. any conflict of interest on the part of the Bidder must be declared.

**BIDDING DOCUMENT FOR THE SUPPLY, DELIVERY, FABRICATION AND
INSTALLATION OF THE SOLAR PV MOUNTING STRUCTURE FOR THE SMART
CITY SOLAR PROJECT**

PROCUREMENT REFERENCE NO: CBTD28-26

Annex A

PART 2: STATEMENT OF REQUIREMENTS

Name of Bidder:

Bidder's Reference Number:

List of Items and Price Schedule

CURRENCY OF BID: US\$

Lot No	Description of goods	Unit	Quantity	Unit Price	Total Price
				<i>[to be provided by the Bidder]</i>	<i>[to be provided by the Bidder]</i>
Lot 1	Bill no. 1 Preliminaries and Generals Preliminary items (Fixed)				
	Preliminaries and Generals	1	sum		
	Bill Number 2 Foundations (provisional) Site Clearance				
	Clearing site of all debris and boulders, cutting down and removing all grass, shrubs, bushes and trees	m ²	7		
	Allowing for setting out before commencing of works	sum	1		
	Excavate in pickable material commencing 200mm below natural ground level for:				
	Topsoil excavation	m ³	4		
	Column bases	m ³	R/O		
	DISPOSAL, FORMATIONS ETC				
	Redig from spoil heap, return, fill and well compact selected excavated material around foundations	m ³	3.5		
	1 layer of G5 Imported inert granular material to 95% LCE 150mm each layer	m ³	R/O		
	Redig from spoil heap and cart off site.	sum	1		

**BIDDING DOCUMENT FOR THE SUPPLY, DELIVERY, FABRICATION AND
INSTALLATION OF THE SOLAR PV MOUNTING STRUCTURE FOR THE SMART
CITY SOLAR PROJECT**

PROCUREMENT REFERENCE NO: CBTD28-26

Lot No	Description of goods	Unit	Quantity	Unit Price	Total Price
				<i>[to be provided by the Bidder]</i>	<i>[to be provided by the Bidder]</i>
	BILL NO. 3 CONCRETE, FORMWORK & REINFORCEMENT Vibrated reinforced concrete (Grade 30-20mm stone) in:				
	Raft Slab concrete	m ³	1.674		
	Formwork To: Sides of Slab	m ²	2.76		
	Steel reinforcement all sizes to: Raft Slab	kg	205.70		
	Termite Treatment Allow for termite poison to top of filling and walls	m ²	5		
	LOT 1 SUBTOTAL PER SITE				
	LOT 1 TOTAL FOR THE 20 SITES				
	BILL NO. 4				
	STRUCTURAL STEELWORK (All Structural Steel to be Hot Dip Galvanised to 65µm)				
	COLUMNS				
	114x6x5mm Circular Hollow Section	m	12		
	RAFTERS				
	IPE 160	m	10		
Lot 2	RAFTER EAVES AND APEX HAUNCH				
	50x50x6	m	4		
	PURLINS 125 x 75 x 20 x 3mm Thick Cold-Formed Lipped Channel	m	26.8		
	100 x 50 x 6mm unequal angle cleats	m	6		
	COLUMN BASE PLATE AND END PLATE GUSSET PLATES 10mm Gusset plate				

**BIDDING DOCUMENT FOR THE SUPPLY, DELIVERY, FABRICATION AND
INSTALLATION OF THE SOLAR PV MOUNTING STRUCTURE FOR THE SMART
CITY SOLAR PROJECT**

PROCUREMENT REFERENCE NO: CBTD28-26

Lot No	Description of goods	Unit	Quantity	Unit Price	Total Price
				<i>[to be provided by the Bidder]</i>	<i>[to be provided by the Bidder]</i>
		m ²	0.36		
	STANCHION BASE PLATES AND END PLATES				
	350 x 350 x 16mm base plate bolted onto concrete and welded on column (4no.)	m ²	0.49		
	APEX RAFTER END PLATES 350 x 350 x 16mm base plate bolted onto concrete and welded on column (2no.)	kg	0.49		
	BOLTS M16 x 250mm long HD Bolts cast into concrete on columns x 6 no. on each column	no.	12		
	Solar PV module mounting rails	m	24		
	Solar rail mounting accessories (M10 bolt, M10 flat nut & flat washers*2)	No.	28		
	LOT 2 SUBTOTAL PER SITE				
	LOT 2 TOTAL FOR THE 20 SITES				
	Lot Summary				
Lot 1	Ps &Gs				
	Foundations				
	Concrete, Formwork and Reinforcement				
	Subtotal for Lot 1 Per site				
	Total for Lot 1 for the 20 sites				
Lot 2	Structural Steel Work				
	Solar PV module mounting rails & accessories				

**BIDDING DOCUMENT FOR THE SUPPLY, DELIVERY, FABRICATION AND
INSTALLATION OF THE SOLAR PV MOUNTING STRUCTURE FOR THE SMART
CITY SOLAR PROJECT**

PROCUREMENT REFERENCE NO: CBTD28-26

Lot No	Description of goods	Unit	Quantity	Unit Price	Total Price
				<i>[to be provided by the Bidder]</i>	<i>[to be provided by the Bidder]</i>
A.	Subtotal for Lot 2 Per site				
B.	Total for Lot 2 for the 20 sites				
C.	Grand total per site=Lot 1 + Lot 2 subtotals				
D.	Total including VAT for supply and fix				
E.	Grand total for 20 sites				

NB: TelOne reserves the right to alter quantities

- 1. PLEASE STATE IF THE PRICE INCLUDES OR EXCLUDES VAT.
UNLESS OTHERWISE STATED PRICES WILL BE TAKEN TO INCLUDE VAT**
- 2. BIDDERS SHOULD STATE PAYMENT TERMS**

**BIDDING DOCUMENT FOR THE SUPPLY, DELIVERY, FABRICATION AND
INSTALLATION OF THE SOLAR PV MOUNTING STRUCTURE FOR THE SMART
CITY SOLAR PROJECT**

PROCUREMENT REFERENCE NO: CBTD28-26

Annex C

Delivery Schedule

Name of Bidder:

Bidder's Reference Number: CBTD 28-26

{Note to Bidders: If the delivery period offered, or any other details, differ from the requirements below, this should be stated in your tender}.

Lot No	Description of goods	Delivery period required by Procuring entity	Delivery period
			[to be provided by the Bidder]
Lot 1	Supply, delivery & installation of the civil works for 20 sites for the for the smart city solar project	3 weeks	
Lot 2	Supply, delivery, fabrication and installation of the structural steelwork for the 20 solar PV sites for the smart city solar project	3 weeks	

**BIDDING DOCUMENT FOR THE SUPPLY, DELIVERY, FABRICATION AND
INSTALLATION OF THE SOLAR PV MOUNTING STRUCTURE FOR THE SMART
CITY SOLAR PROJECT**

PROCUREMENT REFERENCE NO: CBTD28-26

Annex D

Technical Specification and Compliance Sheet

Item	Item description and full technical specifications, including all applicable standards, shall be provided as specified in the Bill of Materials (BOM) and supported by the Structural Drawings issued. (Column B)	{Confirm full specification of items and compliance of items to detailed specification} Indicate (comply / /not comply) (Column C)
Lot 1: Civil Works	Bidder shall place reinforcement strictly as per structural drawings and schedules.	
	Shop drawings to be prepared for approval before fabrication.	
	Foundation shall be cast as a monolithic unit, with base and column poured together to ensure continuity.	
	Concrete shall be Grade 30MPa, properly mixed, placed, compacted and cube-tested for strength compliance.	
	Concrete shall be cured for 7 consecutive days, watered 4 times daily or kept moist continuously, with 35mm of washed inert river sand used as cover to retain moisture on the top surface of the raft slab. The use of hessian sacks is also acceptable.	
Lot 2: Steel Works	The Solar mounting structure shall be a double pole designed structure. (see detailed diagrams in Annexure G of the tender document)	
	The pole heights shall be at least 6m high.	
	The mounting structure shall accommodate an array of 8 solar PV modules of approximately 2.1m by 1.2m (LXW) with a combined solar PV modules weight of around 260kg	
	The poles shall be Hot-Dip Galvanized Iron (GI) /with a minimum coating thickness of 65µm	
	The rafters shall be fabricated from hot-dip galvanized IPE 160 sections, and purlins 125 × 75 × 20 × 3.0 mm sections, manufactured from Grade S355 structural steel.	
	Base plates shall be 350x350x16mm thick galvanized steel anchored to reinforced concrete pedestals with M16 HD Bolts (Grade 8.8)	
	The stanchions/ columns shall be fabricated from Grade S355 steel, hot-dip galvanized. Section size 114 × 6 × 5mm CHS, mounted on a common reinforced concrete pedestal with 2.5 m clear spacing to accommodate the equipment cabinet. Additional connections include; end plates: 350 × 350 × 16 mm; gusset plates: 10 mm thick; purlin cleats: 100 × 50 × 6 mm and haunch members: 50 × 50 × 6 mm.	
	A cabinet provided by TelOne shall be installed on the common pedestal between the two vertical stanchions of the mounting structure.	
The structure shall be able to bear a wind load of 130km/h		

**BIDDING DOCUMENT FOR THE SUPPLY, DELIVERY, FABRICATION AND
INSTALLATION OF THE SOLAR PV MOUNTING STRUCTURE FOR THE SMART
CITY SOLAR PROJECT**

PROCUREMENT REFERENCE NO: CBTD28-26

Item	Item description and full technical specifications, including all applicable standards, shall be provided as specified in the Bill of Quantities (BOQs) and supported by the Structural Drawings issued. (Column B)	{Confirm full specification of items and compliance of items to detailed specification} Indicate (comply / /not comply) (Column C)
	Bidder shall provide a minimum warranty period of ten (10) years on the structural integrity of all mounting systems, frames, racking systems and support structures supplied. The structural warranty shall cover defects in design, materials and workmanship that affect the load bearing capacity, corrosion resistance and overall structural stability of the installation.	

Declaration by the Accounting Officer

I declare that the procurement is based on neutral and fair technical requirements and bidder qualifications.

pp 

**BIDDING DOCUMENT FOR THE SUPPLY, DELIVERY, FABRICATION AND
INSTALLATION OF THE SOLAR PV MOUNTING STRUCTURE FOR THE SMART
CITY SOLAR PROJECT**

PROCUREMENT REFERENCE NO: CBTD28-26

Annex E

Special Conditions of Contract

Procurement Reference Number: **CBTD 28-26**

Reference	Special Conditions
1.	Eligible Countries: Goods from all countries are eligible.
2	<p>Notices: Any notice shall be sent to the following addresses:</p> <p>For the Procuring Entity, the address shall be as given in the Contract document and the contact shall be at TelOne Runhare House, 107 Kwame Nkrumah Harare, 8th Floor.</p> <p>For the Contractor, the address shall be as given in the Bid and the contact shall be <i>{state name of contact}</i></p>
3	<p>Liquidated Damages: Liquidated Damages in terms of section 88 of the Act shall apply. In the case of delays in the delivery of Goods, the Contractor will be liable to pay damages of 0.5% of contract price per week of delay up to a maximum of 10% of contract value. If 10% is exceeded, the contract may be cancelled</p> <p>NB. The contractor will not be charged liquidated damages when the delay in delivery or performance is beyond the contractor's control and is not caused by fault or negligence on the part of the contractor.</p>
4	<p>Packing, Marking and Documentation: The goods shall meet the following special packing requirements: Items should be wrapped to secure against damages either in cardboard boxes or any reasonable package</p>
5	<p>Insurance: The Goods shall be fully insured until full delivery is accepted.</p>
6	<p>Inspections and tests: The Purchaser shall have the right at any time to inspect work being undertaken in terms of this contract and to reject such work if it is found to be defective or inferior in quality or in non-compliance to the specifications of the Contract. Should any work be so rejected, then the contractor, shall replace or make goods to the satisfaction of the Purchaser, at his own expense, without alteration to any of the Contractor's liabilities and obligations under the contract.</p> <p>Before proceeding to execute any work, the contractor shall, if so requested, obtain the Purchaser's approval of the manner in which the Contractor proposes to carry out any part of the work and shall furnish any drawing or information the purchaser shall require.</p> <p>The Contractor shall afford the Purchaser all reasonable facilities as may be required to carry out inspections. Any work rejected by the Purchaser shall be marked or segregated in a manner satisfactory to the Purchaser to ensure its identification as rejected work.</p>
7.0	<p>Performance security: The Contractor shall provide a performance security of 10% of the Contract Price. The performance security shall be denominated in the currency of the Contract and issued by a Bank located in Zimbabwe or a foreign Bank through correspondence with a Bank located in Zimbabwe or from another financial institution acceptable to the Procuring Entity.</p>

**BIDDING DOCUMENT FOR THE SUPPLY, DELIVERY, FABRICATION AND
INSTALLATION OF THE SOLAR PV MOUNTING STRUCTURE FOR THE SMART
CITY SOLAR PROJECT**

PROCUREMENT REFERENCE NO: CBTD28-26

Reference	Special Conditions
7.1	Reduction of performance security: Performance security will not be deducted until full delivery.
8.	Warranty: The period of the warranty shall be 12 months.
9.	Failure to remedy a defect: The period allowed to the Contractor to remedy a defect during the period of the Warranty shall be 1 month
10.	Price adjustments: Any price adjustments will be upon agreement by both parties.
11.	Terms of Payment: The structure of payments shall be: 30days

**BIDDING DOCUMENT FOR THE SUPPLY, DELIVERY, FABRICATION AND
INSTALLATION OF THE SOLAR PV MOUNTING STRUCTURE FOR THE SMART
CITY SOLAR PROJECT**

PROCUREMENT REFERENCE NO: CBTD28-26

Annex F

Bid securing declaration

{The Bidder must fill in this Form in accordance with the instructions indicated, where it has been stated in the Bidding Procedures that a Bid-Securing Declaration is a requirement of bidding}.

Procurement Reference number: CBTD 28-26

Date:[date (in day, month and year format)]

Bidder's Reference Number:

To: {full name of Procuring Entity}

We, the undersigned, declare that:

We understand that, according to the terms and conditions of your bidding documents, bids must be supported by a Bid-Securing Declaration.

We accept that we may be debarred from bidding for any framework agreement with a Procuring Entity in Zimbabwe for a period of time to be determined by the Authority, if we are in breach of our obligation(s) under the bidding conditions, because:

- (a) we have withdrawn our Bid during the period of Bid validity; or
- (b) having been notified of the acceptance of our Bid by the Procuring Entity during the period of bid validity, we fail or refuse to execute the framework agreement.

We understand this Bid Securing Declaration will expire if we are not the successful Bidder, either when we receive your notification to us of the name of the successful Bidder, or twenty-eight days after the expiration of our Bid, whichever is the earlier.

Signed	Name:
In capacity of:	Date:(DD/MM/YY)
Duly authorised for and on behalf of:	
Company	
Address:	
.....	
Corporate Seal (where appropriate)	

{Note: In case of a Joint Venture, the Bid Securing Declaration must be in the name of all the partners to the Joint Venture that submits the Bid.

**BIDDING DOCUMENT FOR THE SUPPLY, DELIVERY, FABRICATION AND
INSTALLATION OF THE SOLAR PV MOUNTING STRUCTURE FOR THE SMART
CITY SOLAR PROJECT**

PROCUREMENT REFERENCE NO: CBTD28-26

Annex G

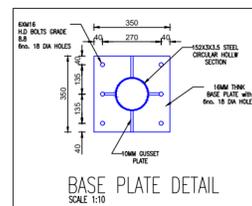
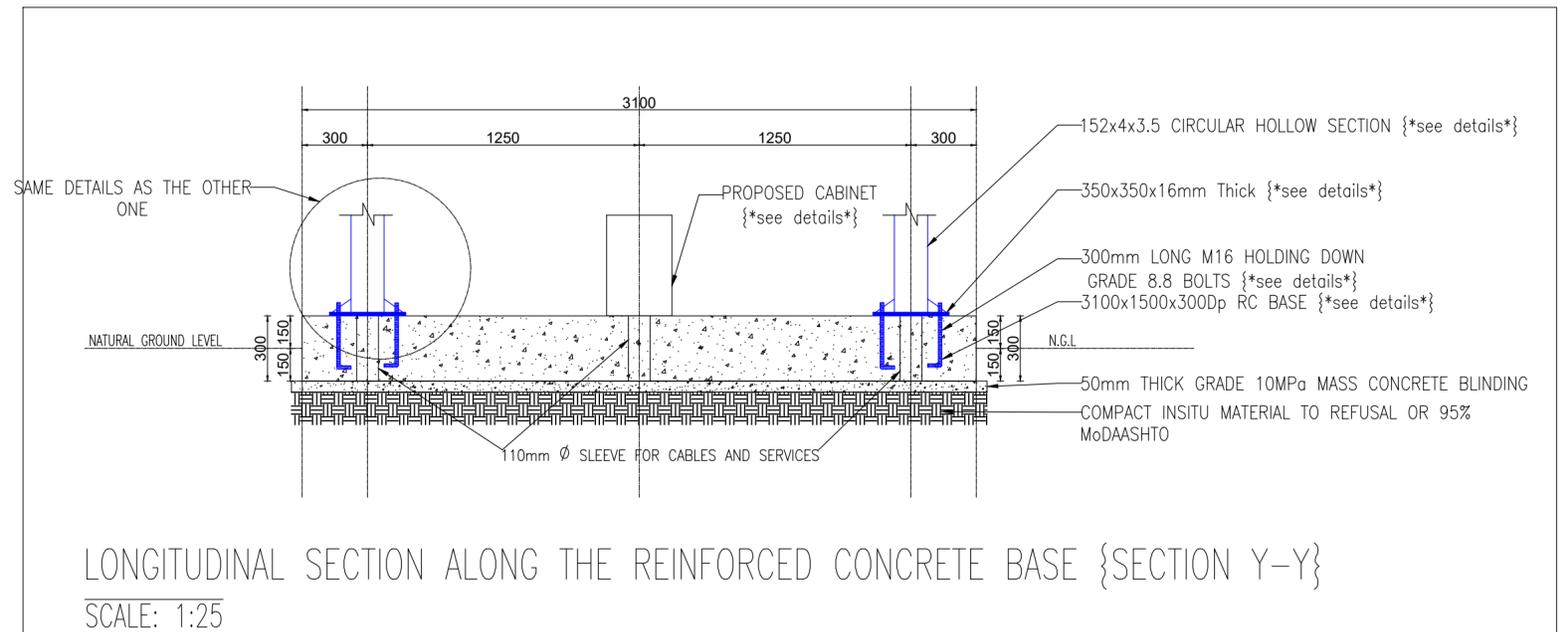
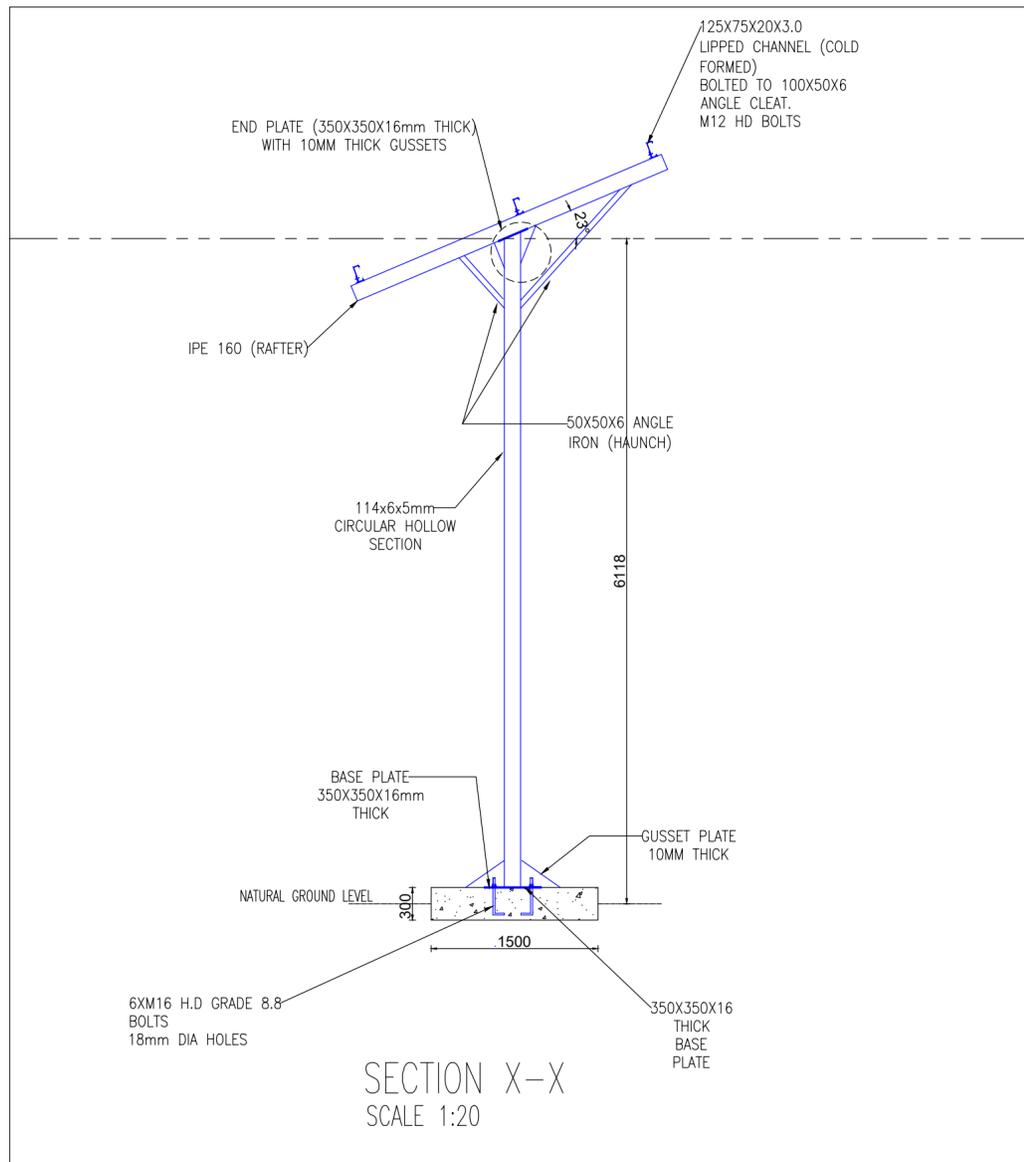
Details Design Drawings for the Solar Frame

- 1.[Solar PV mounting structure documents\DETAILS AND SECTIONS FOR SOLAR F.pdf](#)

- 2.[Solar PV mounting structure documents\TOP OR ROOF DETAILS AND SECTIONS.pdf](#)

- 3.[Solar PV mounting structure documents\TELONE - MOUNTING PLATFORM PLINTH REBAR BENDING SCHEDULE \(19 MARCH 2025\)..pdf](#)

- 4.[Solar PV mounting structure documents\FOUNDATION LAYOUT FOR SOLAR FRAM.pdf](#)



MATERIAL SCHEDULE (ALL STRUCTURAL STEEL TO BE GRADE S355)

MEMBER	MEMBER SIZE	QUANTITY
HAUNCH	50x50x6	4m
PURLINS	125x75x20x3.0	27m
RAFTER	IPE 160	10m
STANCHION	114x6x5mm CHS	12m
BASE PLATE	350x350X 16mm THICK	0.25m ²
BOLTS	M16 HD BOLTS	12
END PLATE	350x350X 16mm THICK	0.25m ²
GUSSET PLATE	10mm THICK	0.36m ²
PURLINS CLEATS	100x50x6mm	6m

CONCRETE GRADES :

- CONCRETE STRENGTH AT 28 DAYS: PLINTH=30MPa.
- BLINDING GRADE C10/20 STONE. PROVIDE 50MM BLINDING ON ALL STRUCTURAL FOUNDATIONS
- MASS CONCRETE C25/20 STONE
- CONCRETE COVER FOR PLINTH = 50mm
- ALL FORMWORK AND REINFORCEMENT SHOULD BE INSPECTED AND SIGNED OFF BY THE ENGINEER PRIOR TO ANY CONCRETE WORKS
- AFTER STRIPPING OFF FORMWORK, THE ENGINEER SHOULD INSPECT THE WORKS AND SIGN OFF.

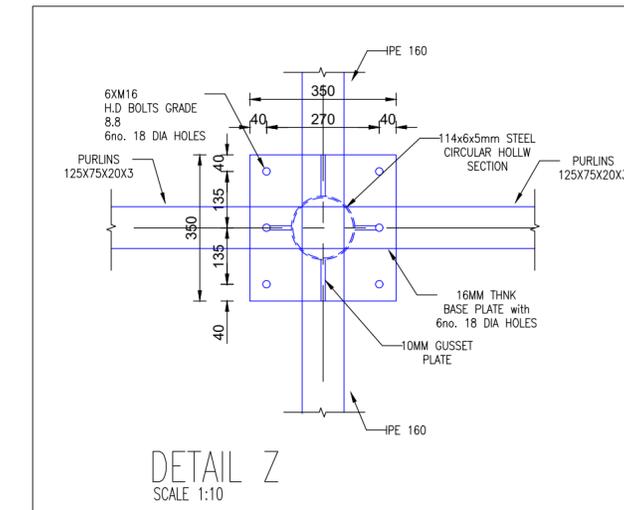
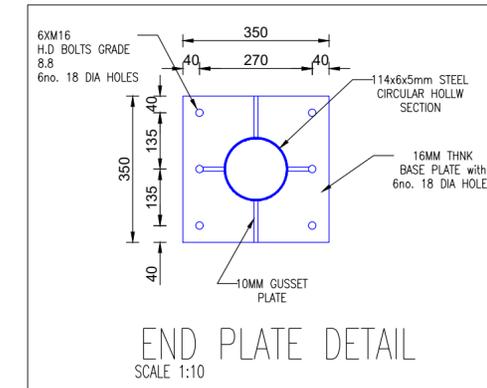
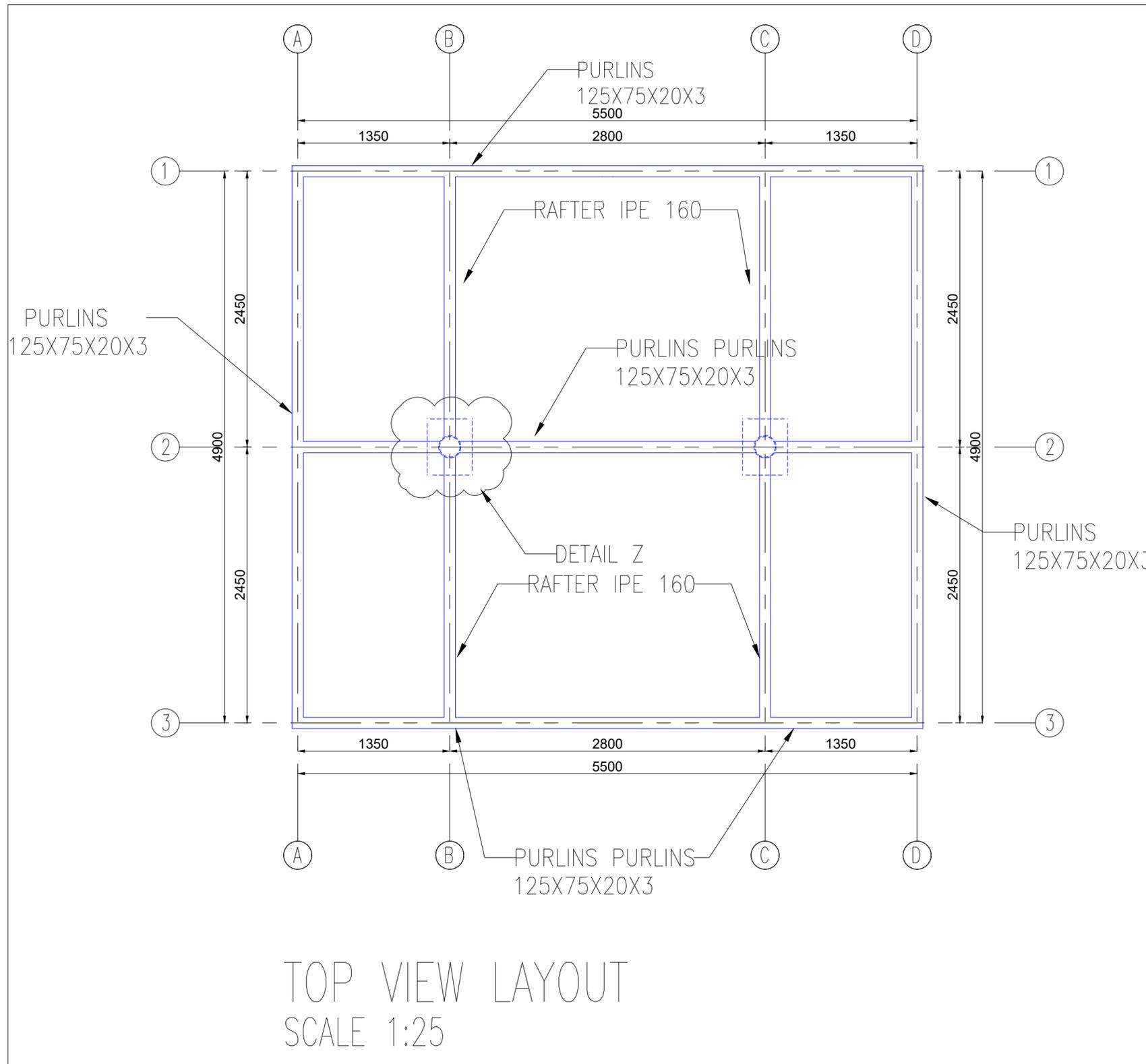
GENERAL NOTES :

- THIS DRAWING IS NOT TO BE SCALED. USE ONLY FIGURED DIMENSIONS. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
- ALL DIMENSIONS ARE TO BE IN MILLIMETRES AND LEVELS IN METRES.
- THIS DRAWING TO READ IN CONJUNCTION WITH ARCHITECT'S DRAWINGS.
- GROUND ASSUMED CAPABLE OF SAFELY SUSTAINING 3000kPa.
- MINIMUM FOUNDATION DEPTH: FINAL DEPTH TO BE DETERMINED ON SITE BY ENGINEER AFTER ON SITE INSPECTION OF THE LOCAL SUBSOIL CONDITIONS.
- CONCRETE GRADES:
 - CONCRETE STRENGTH AT 28 DAYS: PLINTH=30MPa
 - BLINDING GRADE C10/20 STONE. PROVIDE 50MM BLINDING ON ALL STRUCTURAL FOUNDATIONS
 - MASS CONCRETE C25/20 STONE
- UNDERFLOOR TREATMENT: COMPACT 150mm LAYERS OF APPROVED ROAD GRAVEL QUALITY MATERIAL TO 95% MODAASHTO MATERIAL RAKED 150mm DEEP TO REMOVE LARGE STONES AND COMPACTED TO 94% MODAASHTO ALL BOTTOM OF FOUNDATIONS TO BE PRECOMPACTED TO 95% H.C.E AND TESTED BY THE LABORATORY PRIOR TO ANY CONCRETE WORKS. THE STRUCTURAL ENGINEER SHOULD CONFIRM THE RESULTS OF THE LABORATORY TEST BEFORE WORKS PROCEEDS.

STANDARD SPECIFICATIONS

- BS 8110 PART 1 TO 3
- BS 6399 PART 1 TO 3
- BS 648
- BS 3680
- BS 5950
- SANS 1200: CIVIL ENGINEERING STANDARD EXPECTATIONS
- SANS 1200: ACCURACY DEGREE 2 (UNLESS OTHERWISE STATED) – TOLERANCES

N.B STEEL CONTRACTOR TO PROVIDE FRABRICATION DETAILS FOR APPROVAL AND A CUTTING LIST FOR APPROVAL PRIOR TO FABRICATION OR PROCUREMENT



STRUCTURAL STEEL

1. THE SUB-CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR APPROVAL BY THE ENGINEER PRIOR TO FABRICATION AND SITE CONSTRUCTION.
2. REFER TO ALL RELEVANT DRAWINGS AND SPECIFICATIONS, DO NOT SCALE ANY DIMENSIONS.
3. WHERE DISCREPENCIES OCCUR BETWEEN THE DRAWINGS OR SPECIFICATIONS, THESE SHOULD BE REPORTED IMMEDIATELY TO THE PRINCIPAL AGENT
4. ALL DIMENSIONS ARE TO BE IN MILLIMETRES AND LEVELS IN METRES.



RADIANT GROUP CONSULTING ENGINEERS
NO: 93, HARARE DRIVE
MALBOROUGH
HARARE
CELL: 263 773662038/0713 134 917
EMAIL: godfrey@radiantgroup.co.zw
radiangroupconsult@gmail.com

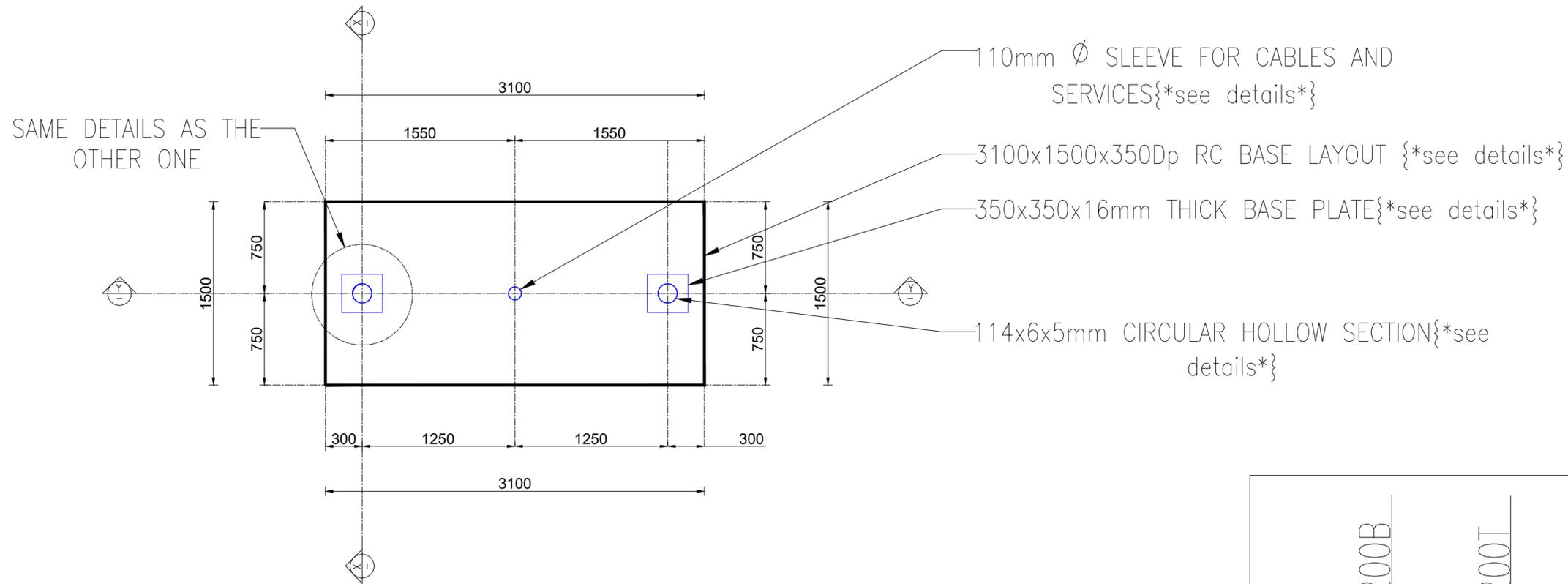


REV	DESCRIPTION	DATE	BY	ARCHITECT

OFFICE	HARARE	
DESIGNED	RADIANT	SCALE AS SHOWN
DRAWN	RADIANT	DATE MARCH 2026
CHECKED	RADIANT	

PROJECT	TELONE SOLAR MOUNTING PLATFORM
TITLE	ROOF OR TOP OF FRAME LAYOUT
Drwg No.	RG/C/S/TN/03-2026/03

REV 0



BASE PLATFORM FOUNDATION LAYOUT
SCALE: 1:25

GENERAL NOTES :

1. THIS DRAWING IS NOT TO BE SCALED. USE ONLY FIGURED DIMENSIONS, ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
2. ALL DIMENSIONS ARE TO BE IN MILLIMETRES AND LEVELS IN METRES.
3. THIS DRAWING TO READ IN CONJUNCTION WITH ARCHITECT'S DRAWINGS.
4. GROUND ASSUMED CAPABLE OF SAFELY SUSTAINING 300KPa. MINIMUM FOUNDATION DEPTH: FINAL DEPTH TO BE DETERMINED ON SITE BY ENGINEER AFTER ON SITE INSPECTION OF THE LOCAL SUBSOIL CONDITIONS.

5. CONCRETE GRADES :
- i) CONCRETE STRENGTH AT 28 DAYS: PLINTH=30MPa
 - ii) BLINDING GRADE C10/20 STONE. PROVIDE 50MM BLINDING ON ALL STRUCTURAL FOUNDATIONS
 - iii) MASS CONCRETE C25/20 STONE

6. UNDERFLOOR TREATMENT: COMPACT 150mm LAYERS OF APPROVED ROAD GRAVEL QUALITY MATERIAL TO 96% MODASHTO MATERIAL RAKED 150mm DEEP TO REMOVE LARGE STONES AND COMPACTED TO 94% MODASHTO ALL BOTTOM OF FOUNDATIONS TO BE PRECOMPACTED TO 95% H.C.E AND TESTED BY THE LABORATORY PRIOR TO ANY CONCRETE WORKS. THE STRUCTURAL ENGINEER SHOULD CONFIRM THE RESULTS OF THE LABORATORY TEST BEFORE WORKS PROCEEDS.

N.B STEEL CONTRACTOR TO PROVIDE FRABRICATION DETAILS FOR APPROVAL AND A CUTTING LIST FOR APPROVAL PRIOR TO FABRICATION OR PROCUREMENT

MATERIAL SCHEDULE (ALL STRUCTURAL STEEL TO BE GRADE S355)

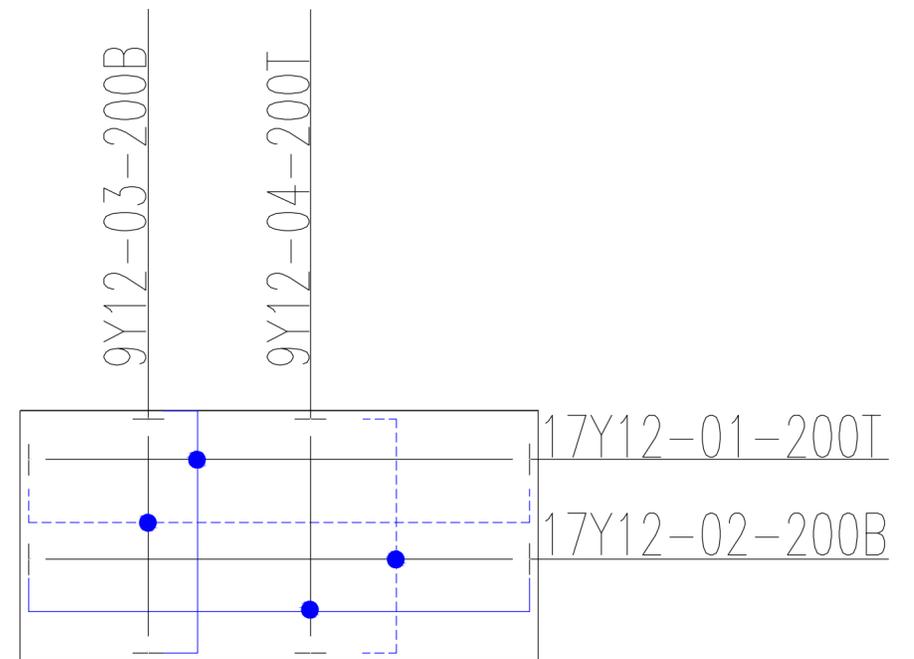
MEMBER	MEMBER SIZE	QUANTITY
HAUNCH	50x50x6	4m
PURLINS	125x75x20x3.0	27m
RAFTER	IPE 160	10m
STANCHION	114x6x5mm CHS	12m
BASE PLATE	350x350X 16mm THICK	0.25m ²
BOLTS	M16 HD BOLTS	12
END PLATE	350x350X 16mm THICK	0.25m ²
GUSSET PLATE	10mm THICK	0.36m ²
PURLINS CLEATS	100x50x6mm	6m

STANDARD SPECIFICATIONS

1. BS 8110 PART 1 TO 3
2. BS 6399 PART 1 TO 3
3. BS 648
4. BS 3680
5. BS 5950
6. SANS 1200: CIVIL ENGINEERING STANDARD EXPECTATIONS SANS 1200: ACCURACY DEGREE 2 (UNLESS OTHERWISE STATED) - TOLERANCES

CONCRETE GRADES :

- i) CONCRETE STRENGTH AT 28 DAYS: PLINTH=30MPa,
- ii) BLINDING GRADE C10/20 STONE. PROVIDE 50MM BLINDING ON ALL STRUCTURAL FOUNDATIONS
- iii) MASS CONCRETE C25/20 STONE
- iv) CONCRETE COVER FOR PLINTH = 50mm
- v) ALL FORMWORK AND REINFORCEMENT SHOULD BE INSPECTED AND SIGNED OFF BY THE ENGINEER PRIOR TO ANY CONCRETE WORKS
- vi) AFTER STRIPPING OFF FORMWORK, THE ENGINEER SHOULD INSPECT THE WORKS AND SIGN OFF.



PLINTH REBAR
SCALE 1:25

REV	DESCRIPTION	DATE	BY	ARCHITECT

OFFICE		HARARE	
DESIGNED	RADIANT	SCALE	AS SHOWN
DRAWN	RADIANT	DATE	MARCH 2026
CHECKED	RADIANT		

PROJECT		TELONE SOLAR MOUNTING PLATFORM	
TITLE		FOUNDATION DETAILS AND SECTION AND REINFORCEMENT DETAILS	
Drwg No.	RG/C/S/TN/03-2026/01	REV	0

