



India Security Press,
(A UNIT OF SECURITY PRINTING & MINTING CORPORATION OF INDIA LTD.)WHOLLY OWNED BY GOVERNMENT OF INDIA
Nashik Road-422101 (Maharashtra)
(ISO-9001:2008 & 14001:2004 Certified Company)
Miniratna Category-I, CPSE
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CIN: U22213DL2006GOI144763 GSTIN: 27AAJCS6111J2Z7

PR Number	PR Date	Indenter	Department
12005763	03.07.2024	MNT-CIV	MNT-CIV

Not Transferable

Security Classification: Non-Security

TENDER DOCUMENT FOR: Replacement of Roofing material, Roofing Accessories and North-Light Glass of factory buildings in India Security Press, Nashik Road(Phase 1) on Rate Contract Basis.

Tender Number: SPMCI/ISP/PPP-ET/6000019002

CPP ID: 2024_SPMCI_212113_1

This Tender Document Contains _____ Pages.

Details of Contact person in SPMCI regarding this tender:

Name: Diganta Kumar Deka

Designation: Additional General Manager (Materials)

Address: ISPN (India Security Press, Nashik) India

Disclaimer

The information contained in this Bid Document or subsequently provided to Bidder(s), whether verbally or in documentary or any other form by or on behalf of the Security Printing and Minting Corporation Limited (hereafter referred as the "Purchaser") or any of its employees or associated agencies, is provided to Bidder(s) on the terms and conditions set out in this Bid Document and such other terms and conditions subject to which such information is provided.

This Bid Document is not an agreement and is neither an offer nor invitation by the Purchaser to the prospective Bidder(s) or any other party hereunder. The purpose of this Bid Document is to provide the Bidder(s) with information to assist them in the formulation of their proposal submission. This Bid document does not purport to contain all the information Bidder(s) may require. This Bid document may not be appropriate for all bidders, and it is not possible for the Purchaser to consider particular needs of each Bidder. Each Bidder should conduct its own investigation and analysis, and should check the accuracy, reliability, and completeness of the information in this document and obtain independent advice from appropriate sources.

Information provided in this Bid Document to the Bidder(s) is on a wide range of matters, some of which may depend upon interpretation of law. The information given is not intended to be an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. The Purchaser, its employees and other associated agencies accept no responsibility for the accuracy or otherwise for any interpretation or opinion on law expressed herein.

This Bid document and ensuing bids; communications and Contracts would alone determine the legal and commercial relationship between the bidders/ contractors and the Purchaser. No other Government or Purchaser's document/ guidelines/ Manuals including its Procurement Manual (which are for internal and official use of its officers), have any locus standi in such a relationship. These documents/ guidelines/ Manuals therefore should not be cited or referred in any legal or dispute resolution or grievance redressal proceedings.

The Purchaser, its employees and other associated agencies make no representation or warranty and shall have no liability to any person, including any Bidder under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this Bid Document or otherwise, including the accuracy, adequacy, correctness, completeness or reliability of the Bid Document and any assessment, assumption, statement or information contained therein or deemed to form part of this Bid Document or arising in any way for participation in this Bid Stage.

The Purchaser, its employees and other associated agencies also accept no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any Bidder(s) upon the statements contained in this Bid Document.

The Purchaser may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumptions contained in this Bid Document.

The issue of this Bid Document does not imply that the Purchaser is bound to select Bidder(s) and the Purchaser reserves the right to reject all or any of the Bidders or Bids or to decide to drop the procurement process at any stage without assigning any reason.

The Bidder(s) shall bear all its costs associated with or relating to the preparation and submission of their Bids including but not limited to preparation, copying, postage, delivery fees, expenses associated with any submission of samples, demonstrations or presentations which may be required by the Purchaser or any other costs incurred in connection with or relating to their Bids. All such costs and expenses will remain with the Bidder(s) and the Purchaser shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by a Bidder(s) in preparation or submission of the Bid, regardless of the conduct or outcome of the Bidding Process.

This disclaimer forms an integral part of the Bid document and shall supplement but not supplant the provision of the Bid Document.



SECTION I: NOTICE INVITING TENDER (NIT)

INDIA SECURITY PRESS

(A Unit of Security Printing and Minting Corporation of India Limited)

Wholly owned by Government of India

Nashik Road – 422 101 (Maharashtra) Tel No 00 91 253 2402200, Fax No 00 91 253 2462718

Website: www.spmcil.com, email: purchase.isp@spmCIL.com

Tender No.:Tender Number: SPMCIL/ISP/PPP-ET/6000019002

1. Sealed tenders are invited from eligible and qualified tenderers for supply of the following

GeM-Availability Report and Past Transaction Summary- GEM/GARPTS/21102024/TCDIKHBQF714

Schedule No.	Brief Description of Goods/ services	Quantity (with unit)	Earnest Money (in Rs.)	Remarks
1	Replacement of Roofing material, Roofing Accessories and North-Light Glass of factory buildings in India Security Press, Nashik Road(Phase 1) on Rate Contract Basis	1 AU	Not applicable being rate contract	Delivery Schedule As per section VI: List of Requirement and detailed Technical Specification mentioned in Section VII.
Type of Tender (Two Bid/ PQB/ EOI/ RC/ Development/Indigenization/ Disposal of Scrap/ Security Item etc.)			Two Bid, Single stage (two packets), NCB (National Competitive Bidding)	
Security Classification			Non-Security	
Authority in whose favour all tender related financial instruments (FD, DD, Banker's cheque etc) are to be made			India Security Press, Nashik Road, Unit of SPMCIL	
All Financial Instruments to be payable at:			Payable at Nashik	
Pre-Bid conference			11:00 Hours on 11.11.2024	
Dates and place of issue of tender documents:			From 22.10.2024 to 21.11.2024 on e-tendering website https://etenders.gov.in/eprocure/app Tender document can only be obtained after registration of tenderer on the website https://etenders.gov.in/eprocure/app	
Closing date and time for receipt of tenders			21.11.2024 up to 15.00Hrs	
Place of receipt of tenders			On e-tendering website https://etenders.gov.in/eprocure/app through online mode only duly verified by authorized DSC of vendor.	
Time and date of opening of tenders for Technical Bid. <i>Place, Time, and date of Opening of Price bid would be intimated later on</i>			15:00 Hours on 22.11.2024	
Place of opening of tenders			On e-tendering website https://etenders.gov.in/eprocure/app through online mode only	

2. Information and instructions for bidders:

The Bidder shall go through the tender document carefully and shall comply with each clause of all the sections of the tender documents.

Prospective Tenderers are advised to go through <https://etenders.gov.in/eprocure/app> and get themselves aware for e-tendering participation requirements.

REGISTRATION:

- a) Bidders are required to register on the e-tendering portal of CPPP (<https://etenders.gov.in/eprocure/app>).
- b) Upon registration, Vendors/Suppliers must have valid Class-III Digital Signature both Signing & Encryption type Certificate to participate in tenders. DSC can be procured from any of the Licensed Certifying Authorities by Controller of Certifying Authorities, details available at www.cca.gov.in.

3. Eligibility to participate as per Government of India's Public Procurement (Preference to Make in India) Order 2017 (as amended/ revised) and Ministry of Finance, Department of Expenditure, Public Procurement Division's Orders (Public Procurement 1, 2 and 3) F.No.6/18/2019-PPD dated 23rd/ 24th July 2020 (or any further amendments thereof) regarding eligibility of bidders from neighboring countries shall apply to this tender.

4. Please note that SPMCIL reserves its right to grant Purchase preferences in accordance with Government of India's Public Procurement (Preference to Make in India) Order 2017 (as amended/ revised) and Public Procurement Policy for Micro and Small Enterprises (MSEs) Amendment Order, 2018 (as amended/ revised).

5. Interested tenderers may obtain further information about this requirement from the above office selling the documents. They may also visit our website mentioned above for further details.

6. Tenderers shall strictly ensure that their tenders, duly stamped and signed and authorized by DSC, complete in all respects as per instructions contained in the Tender Documents, will be submitted only through online mode on <https://etenders.gov.in/eprocure/app> on or before the closing date and time indicated in the Para 1 above, failing which the tenders will not be accepted. Bidders must upload their bids along with scanned copies as required enclosures (*including proofs of cost of Tender Documents and EMD as applicable - unless an online payment gateway is provided in the instruction*) as per instructions given in this regard.

Original copies of such scanned uploaded required enclosures (*including proofs of cost of Tender Documents and EMD as applicable - unless an online payment gateway is provided in the instruction*) must reach in physical form within the date and place as provided in such instructions, otherwise their uploaded bid, would be declared as unresponsive.

7. In the event of any of the above-mentioned dates being declared as a holiday/ closed day for the purchase organization, the tenders will be sold/ received/ opened on the next working day at the appointed time.

8. The tender documents are not transferable.

9. The bidder, their affiliates, or subsidiaries – including subcontractors or suppliers for any part of the contract – should not stand declared ineligible/ blacklisted/ banned/ debarred by any Government Agency anywhere in the world, for participating in its tenders, under that country's laws or official regulations. A declaration to this effect shall be submitted by the bidder in the Tender Form (Section X).



10. Undersigned confirms that the required Goods (as per technical specification provided by User Section) are not available on GeM as per “*GeM-Availability Report and Past Transaction Summary*”. The Unique ID is GEM/GARPTS/21102024/TCDIKHBQF7I4.

11. The Chief General Manager, ISP Nashik reserves the right to accept / reject / cancel any or all tender document without assigning any reason thereof. Chief General Manager, ISP Nashik also reserves the right to accept the tender in whole or in part. Incomplete documents, not submitted in accordance with the directions issued, will be liable for rejection.

Addl.General Manager (Materials)
India Security Press, Nashik Road-422101
Phone No 0253 2402219
For and on behalf of
Chief General Manager,
India Security Press, Nashik Road



Section II: General Instructions to Tenderer (GIT)

PART I & II: GENERAL INSTRUCTIONS Applicable to all Types of Tenders:

Please refer the link to <https://spmCIL.com/uploaddocument/GIT3.0.pdf> for further details.

GIT (Total pages:44)

BIDDERS ARE REQUESTED TO DOWNLOAD 44 PAGES BY CLICKING THE ABOVE SAID LINK AND SUBMIT THE SAME DULY STAMPED AND SIGNED ALONG WITH TENDER DOCUMENT.

SECTION III: SPECIAL INSTRUCTIONS TO TENDERERS (SIT)

The following Special Instructions to Tenderers will apply for this purchase. These special instructions will modify/ substitute/ supplement the corresponding General Instructions to Tenderers (GIT) incorporated in Section II. The corresponding GIT clause numbers have also been indicated in the text below:

In case of any conflict between the provision in the GIT and that in the SIT, the provision contained in the SIT shall prevail. (Clauses of GIT listed below include a possibility for variation in their provisions through SIT. There could be other clauses in SIT as deemed fit.)

Sl. No.	GIT Clause No.	Topic	Modify/ Substitute/ Supplement	SIT Provision
1	3	Eligible Tenderers		As Applicable
2	3.4	Eligible Goods and Services (Origin of Goods)		As Applicable
3	6.1	The tender documents includes:	Modify	SIT 1 (Mentioned below)
4	8	Pre-bid Conference		SIT 2 (Mentioned below)
5	9	Time Limit for receiving request for clarification of Tender Documents	Modify	A tenderer requiring any clarification or elucidation on any issue of the tender document may take up the same with ISP Nashik in writing or by fax/ e-mail/ post. ISP Nashik will respond in writing to such request provided the same is received by ISP Nashik not later than 21 days prior to the prescribed date of submission of tender.
5	10.1	The Technical bid to be submitted by Tenderer shall contain the following documents, duly filled in, as required		As Applicable
6	11.2	Tender Currency	Modify	The tenderer shall quote only in Indian rupees
7	12.1	Tender Prices		As Applicable
8	12.2, 33, 36.1	Schedule wise evaluation		Not Applicable
9	12.6	GST details		As Applicable
10	14	PVC Clause & Formula	Modify	Prices quoted by the tenderer shall remain firm and fixed during the currency of the contract and not subject to variation on any account
11	14.4 to 14.7	Exchange Rate Variation (ERV)		Not Applicable
12	16.2 a) to c)	Documents Establishing Tenderer's Eligibility and Qualifications	Modify	As per Section IX: Qualification / Eligibility Criteria
13	18.4, 18.5	Earnest Money Deposit (EMD)	Modify	Not applicable being rate contract
14	19	Tender Validity	Modify	SIT-3(Mentioned below)
15	20.4	Number of Copies of Tenders to be submitted	Modify	Tenderer shall submit their tender in "Original" only.

Sl. No.	GIT Clause No.	Topic	Modify/ Substitute/ Supplement	SIT Provision
16	20.8	Two Bid System	Modify	SIT 4 (Mentioned below)
17	20.9	E-Procurement		Applicable
18	34 and 35.1	Comparison on CIF Destination Basis		Not Applicable
19	35.2 to 35.6	Additional Factors for Evaluation of Offers and Preferential schemes		As Applicable
20	43	Parallel Contract		Not Applicable
21	44.1	Serious Misdemeanors		As Applicable
22	44.3	Integrity Pact		Not Applicable
23	45.1	Notification of Award		As Applicable
24	50	Applicability of additional GIT for rate contracts		As Applicable
25	51	Applicability of additional GIT for PQB Tenders		Not Applicable
26	52	Applicability of additional GIT for Tender involving Samples		Not Applicable
27	53	Applicability of additional GIT for EOI Tenders		Not Applicable
28	54	Applicability of additional GIT for Tenders for disposal of Scrap		Not Applicable
29	55	Applicability of additional GIT for Development/Indigenization Tenders		Not Applicable
30		Evaluation of tender		SIT 5 (Mentioned below)

SIT 1:-The tender documents includes:- The tender documents includes:

- Section I - Notice Inviting Tender (NIT)
- Section II - General Instructions to Tenderers (GIT)
- Section III - Special Instructions to Tenderers (SIT)
- Section IV -General Conditions of Contract (GCC)
- Section V - Special Conditions of Contract (SCC)
- Section VI - List of Requirements
- Section VII - Technical Specifications
- Section VIII - Quality Control Requirements
- Section IX – Qualification/ Eligibility Criteria
- Section X - Tender Form
- Section XII – Vendor Details
- Section XV - Bank Guarantee Form for Performance Security
- Section XVI - Contract Form
- Section XVII: Letter of Authority for attending a Bid Opening
- Section XVIII: Proforma of Bills for Payments
- Section XIX: NEFT Mandate

SIT 2: Pre- bid conference: Bidders are requested to attend a pre-bid conference for clarification on technical specifications and commercial conditions of the Tenders on **11.11.2024 on 11:00 hrs** at India Security Press Nashik 422101. Participation is not mandatory, however, in case a bidder chooses not to participate (or fails to do so) in the pre-bid conference, it would be assumed that they have no issues regarding the Technical/ commercial specifications/ conditions.

SIT 3: Tender Validity

3.1. The tenders shall remain valid for acceptance for a period of 120 days after the date of tender opening prescribed in the tender document. Any tender valid for a shorter period shall be treated as unresponsive and rejected.

3.2 In exceptional cases, the tenderers may be requested by SPMCIL to extend the validity of their tenders upto a specified period. Such request(s) and responses thereto shall be conveyed by surface mail or by fax/email/ telex/ cable followed by surface mail. The tenderers, who agree to extend the tender validity, are to extend the same without any change or modification of their original tender and they are also to extend the validity period of the EMD accordingly.

3.3 In case the day upto which the tenders are to remain valid falls on/ subsequently declared a holiday or closed day for SPMCIL, the tender validity shall automatically be extended upto the next working day.

3.4 Compliance with the Clauses of this Tender Document: Tenderer must comply with all the clauses of this Tender Document. In case there are any deviations, these should be listed in a chart form without any ambiguity along with justification.

SIT 4: Two Bid System:E-Tender will consist of Two Bid system i.e.**Technical Bid and Financial/ Price Bid. Technical bid and the Price Bid**are to be submitted through e-tendering portal only on or before the due date of submission of tenders. The tenderer shall quote their prices (**Price bid**) strictly as per the price parameters given in e-tendering portal only.

SIT5: Evaluation of tender: The evaluation of tender will be on total value basis.



SECTION IV: GENERAL CONDITION OF CONTRACT (GCC)

Please refer the below link for further details:

<https://spmCIL.com/uploaddocument/GCC3.0.pdf> **GCC (Total pages: 30)**

BIDDERS ARE REQUESTED TO DOWNLOAD 30 PAGES BY CLICKING THE ABOVE SAID LINK AND SUBMIT THE SAME DULY STAMPED AND SIGNED ALONG WITH TENDER DCOUMENT.

SECTION V: SPECIAL CONDITIONS OF CONTRACT (SCC)

The following Special Conditions of Contract (SCC) will apply for this purchase. The corresponding clauses of General Conditions of Contract (GCC) relating to the SCC stipulations have also been incorporated below. These Special Conditions will modify/ substitute/ supplement the corresponding (GCC) clauses.

Whenever there is any conflict between the provision in the GCC and that in the SCC, the provision contained in the SCC shall prevail.
(Clauses of GCC listed below include a possibility for variation in their provisions through SCC. There could be other clauses in SCC as deemed fit)

S. No.	GCC Clause No.	Topic	Modify/ Substitute/ Supplement	SCC Provision
1	1.2	Abbreviations:		As Applicable
2	6.1, 6.3&6.5	Performance Bond/ Security	Modify	SCC 1 (Mentioned below)
3	8.2	Packing and Marking		As Applicable
4	9	Inspection and Quality Control		As Applicable
5	11.2	Transportation of Domestic Goods	Modify	SCC 2 (Mentioned below)
6	12	Insurance	Modify	SCC 3 (Mentioned below)
7	14.1	Incidental Services		As Applicable
8	15	Distribution of Despatch Documents for clearance/ Receipt of Goods		As Applicable
9	16.2, 16.4	Warranty Clause	Modify	SCC 4 (Mentioned Below)
10	19.3	Option Clause		SCC 5 (Mentioned Below)
11	20.1	Price Adjustment Clause		Not Applicable
12	21	Taxes and Duties	Modify	SCC 6 (Mentioned Below)
13	22	Terms and Mode of payments	Modify	SCC 7 (Mentioned Below)
14	24.1	Quantum of LD	Modify	SCC 8 (Mentioned Below)
15	25.1	Bank Guarantee and Insurance for Material Loaned to Contractor		Not Applicable
16	33.1	Resolution of Disputes		As applicable
17	36.3.2, 36.3.9	Disposal/ Sale of Scrap by Tender		Not Applicable

SCC 1: Performance Bond/ Security: The successful bidder has to submit Performance Bond/ Security equivalent to 3% of the order(s) value, valid for a period of 60 days beyond the completion of all contractual obligations, within 21 days from the date of issue of Letter of Intent.

The Performance security shall be denominated in Indian Rupees in one of the following forms:

a) Account Payee Demand Draft or Fixed Deposit Receipt drawn on any commercial bank in India, in favor of India Security Press, Unit SPMCIL.

b) Bank Guarantee issued by a commercial bank in India, in the prescribed form as provided in section XV of this document.

SCC 2: Transportation of Domestic Goods: The transportation of goods to be procured will be done by the supplier on FOR ISP Basis. The total cost of the transportation should be indicated in the price bid of the item to be procured.

SCC 3: Insurance: Specific Insurance cover for each consignment /supply is to be given by the firm, as applicable.

SCC 4: Warranty Clause: a. Warranty shall remain valid for 2 years after completion of complete contract.

b. ISP will carry out testing of the executed work for leakages/seepages, as and when required.

SCC 5: Option clause: Purchaser reserves the right to increase the ordered works by 25% at any time, till final completion date of the contract by giving reasonable notice even though the ordered works initially has been completed in full before the last date of delivery Period.

SCC 6: Taxes and Duties: If the tenderer fails to include taxes and duties as per law of the land in the tender, no claim thereof will be considered by purchaser at a later stage.

SCC 7: Terms and Mode of Payment:

Payment will be made against running bills after satisfactory completion of the designated works as allocated by ISP.

SCC8: Quantum of LD: Subject to GCC clause 28, if the supplier fails to deliver any or all of the goods or fails to perform the services within the timeframe(s) incorporated in the contract, SPMCIL shall, without prejudice to other rights and remedies available to SPMCIL under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to the ½% percent (or any other percentage if prescribed in the SCC) of the delivered price of the delayed goods and/ or services for each week of delay or part thereof until actual delivery or performance, subject to a maximum deduction of the 10% (or any other percentage if prescribed in the SCC) of the delayed goods' or services' contract price(s). During the above-mentioned delayed period of supply and / or performance, the conditions incorporated under GCC sub-clause 23.4 above shall also apply. In all such cases GST would also be applicable on LD.

Section VI: List of Requirements

Sch No.	Brief Description of Goods/ services	Quantity (with unit)	Earnest Money (in Rs)
1	Replacement of Roofing material, Roofing Accessories and North-Light Glass of factory buildings in India Security Press, Nashik Road(Phase 1) on Rate Contract Basis	1 AU	Not applicable being rate contract

(a)	Required Delivery Schedule	:	i) Stipulated time period for the work = 12 Months from the date of award of Purchase Order. ii) Since order is on rate contract basis, the prices quoted shall remain fixed for the entire period of contract.
(b)	Required Terms of Delivery	:	On FOR ISP Basis.
(c)	Destination	:	India Security Press, Nashik Road-422101 Maharashtra, India
(d)	Preferred mode of transportation	:	By Road (FOR)

1. All the copies of tenders shall be complete in all respects with all their attachments/ enclosures duly numbered and signed on each and every page.

2. The total cost should be inclusive of all elements as cited above on FOR India Security Press, Nashik Road (Maharashtra), India, basis.

3. The Bidder has to submit documents as per the following Check list along with the Technical bid Documents (Technical Cover):

Sr. No.	Description	Submitted/Not Submitted
1)	Documentary evidence towards Experience and past performance as per clause 1(i) of section IX.	
2)	Documentary evidence towards Capability, equipment and manufacturing facilities as per clause 1(ii) of section IX.	
3)	Documentary evidence towards Financial Standing as per clause 1(iii) of section IX.	
4)	Undertaking as per clause 3 under section IX	
5)	Copy of PAN and GST registration certificate.	
6)	Power of Attorney/ Authorization with the seal of company indicating that authorized signatory is competent and legally authorized to submit the tender and/ or to enter into legally binding contract.	
7)	Adherence to the Delivery Schedule as per Section VI on Bidder's Letter Head.	
8)	Adherence to the Technical Specification as per Section VII: Technical Specifications on Bidder's Letter Head	
9)	Adherence to the Quality Control Requirements as per Section VIII on Bidder's Letter Head.	

Sr. No.	Description	Submitted/Not Submitted
10)	Tender Form: As per Section X	
11)	Vendor Details: As per Section XII.	
12)	NEFT Mandateas per section XIX	
13)	All pages of the tender documents (including GIT, GCC, SIT, SCC, List of requirements, Technical specification, quality requirements, etc.) duly signed and stamped by the Authorized signatory of the bidder.	

Note:The Bidder has to submit Prices in Price bid (**Price Cover**) as per price parameters given in BOQ of e-tendering portal. (Excel Format)

SECTION VII: TECHNICAL SPECIFICATIONS

Name of Work: Replacement of Roofing material, Roofing Accessories and North-Light Glass of factory buildings in India Security Press, Nashik Road (Phase 1) on Rate Contract Basis.

1. The firm shall arrange for all the required materials, consumables, labour, ladders, scaffolding, tools & tackles, equipment etc. by its own.
2. The firm shall use required material as per the list of approved brands/manufacturers provided in technical terms and conditions or as per the directions of engineer in-charge.
3. The entire work will be executed as per directions of Competent Authority of ISP and his decision will be final in case where ambiguity/ difference of opinion etc arises during execution of the work.
4. The firm must obtain police verification report (PVR) for contractor, supervisor and its labour without PVR, the firm may not be allowed to execute work in ISP premises.
5. Delivery Schedule: -
 - i) Stipulated time period for the work = 12 Months from the date of award of Purchase Order.
 - ii) Since order is on rate contract basis, the prices quoted shall remain fixed for the entire period of contract.
6. Firm/ contractor shall provide all PPEs and safety wears to all its workmen and fully responsible for the safety and wellbeing of its staff. ISP shall not be responsible for any damage what so ever.
7. If any accident /injury /casualty happens the sole responsibility will be of the firm. No compensation will be borne by ISP.
8. Firm shall have to ensure that it should not damage Any existing ISP property. The damage, if any shall be rectified by the firm immediately at its own cost.
9. Electricity and water supply will be provided by ISP. Required size of electric cable, switch board etc for, rubber pipe etc for water supply should have to arrange by the agency.
10. Working Hours - 8.00am to 6.00pm (Including lunch hour) If required work will be permitted & firm has to carry out work during extended hours and Sundays and Holidays also.
11. The firm shall clean the area/work site thoroughly daily after completing the day's work and before handing over site to ISP.
12. The said scope of work with mentioned bill of quantities (BOQ) as per attached Annexure- B are tentative and may increase or decrease at the time of execution of work on unit rate basis of the firm as submitted in its quotation/offer.
13. Payment Terms: Payment will be made against running bills after satisfactory completion of the designated works as allocated by ISP.
14. Item wise price breakup to be provided by Agency/Firm, along with Price Bid in the tender
- 15. Firm is strongly advised to visit the site before quoting to study the exact nature of work so as to avoid any ambiguity on later stage.**
16. For Detailed technical terms and conditions, please refer **Annexure A** enclosed with the tender document.

For Detailed BOQ, **Refer Annexure - B**

Annexure- B			
BILL OF QUANTITY (BOQ)			
Replacement of Roofing material, Roofing Accessories and North-Light Glass of factory buildings in India Security Press, Nashik Road(Phase 1) on Rate contract basis.			
Schedule - X (Project Items)			
Sl.No.	Description	Quantity	Unit
1	Dismantling roofing including asbestos sheet, ridges, hips, valleys, and gutters, northlight glass panel etc. as directed by Engineer Incharge and disposal of asbestos sheet, glasses etc. outside ISP premises, excluding steel materials away 5 km as shown by Engineer Incharge. All the steel material shall be deposited at ISP stores	18000	sqm
2	Providing and fixing pre-coated galvanised steel sheet roofing accessories 0.50 mm (+ 0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both sides of the sheet and polyester top coat 15-18 microns using self-drilling/ self-tapping screws complete		
2.1	North Light Curves/Crimp Curve	2000	metre
2.2	Flashings/ Aprons.(Upto 600 mm)	500	metre
3	Providing and fixing wind ties of 40x 6 mm GI section on the profile sheet	2500	metre
4	Structural steel work riveted, bolted or welded in built-up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	20000	kg
5	Providing 4 mm thick MS gutter profiles with iron bracket , making necessary holes of required sizes and of required numbers etc. complete. This item includes cost of all inputs of designing, labour for fabricating and installation of T&P, scaffolding and other incidental charges including wastages etc., enabling temporary structures and services, cranes or cradles etc. as described above and as specified. Gutter shall be manufactured as per design and drawing and site condition.	25000	kg
6	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete. On steel work	3000	Sqm
7	Dismantling steel work manually/ by mechanical means in built-up sections without dismembering and stacking within 50 metres lead as per direction of Engineer-in-charge.	10000	kg
8	Extra for dismantling trusses, rafters, purlins etc. of steel work for every additional height of one metre or part thereof beyond 5 metres.	10000	Kg
9	Providing and fixing on wall face unplasticised rigid PVC rain water pipes conforming to IS:13592 type A, including jointing with seal ring conforming to IS:5382, leaving 10mm gap for thermal expansion, (i) single socketed pipes including all fittings and fixtures such as bend, shoe etc.		
9.1	160 mm diameter	2000	metre
10	Demolishing brickwork manually/by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer in charge		

10.1	In cement mortar	20	cum
11	Cement Plaster (In Course sand)		
11.1	20mm Cement plaster mix:		
11.2	1:6 (1 cement: 6 course sand)	1000	Sqm
12	Chipping of unsound/weak concrete material from slabs, beams, columns etc.with manual Chisel and/ or by standard power driven percussion type or of app		
12.1	50mm average thickness	1000	Sqm
13	Providing and Injecting approved grout in proportion recommended by the manufacturer into cracks\honey-comb area of concrete/masonry by suitable gun/pump at required pressure including cutting of nipples after curing etc., complete as per direction of Engineer-in-charge (The Payment shall be made on the basis of actual weight of approved groutinjected)		
13.1	Epoxy injection grout in concrete/RCC work of approved make	100	kg
14	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40 mm dia M.S. tube 1.5 m centre to centre, horizontal& vertical tubes joining with cup &block system with M.S. tubes ,M.S. tube challies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after. The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineer-in-charge. The elevational area of the scaffolding shall be measured for payment purpose. The payment will be made once irrespective of duration of scaffolding.	5000	Sqm
15	Providing and fixing colour coated Zinalume (R) AZ150 (min 150 gms/sq.mt. total on each side) profiled sheets for roofing. The feed material is manufactured out of nominal 0.45 mm Base Metal Thickness (BMT) (0.5 mm TCT), Hi- strength steel with min.550 MPa yield strength, metallic hot dip coated with Aluminium-Zinc alloy (55% aluminium 43.4% zinc 1.6% silicon) with COLORBOND (R) steel quality super durable polyester paint coat (with inorganic pigment). The paint shall have a total coating thickness of nominal 35 um, comprising of nominal 25 um exterior coat on top surface and nominal 10 um reverse coat on back surface. Profile sheet shall have nom. 950-1050 mm effective cover width and nominal 25-30 mm deep ribs with subtle square fluting in the five pan at nominal 180-250 mm center- to-center. The end rib shall be designed for anti-capillary groove. and return leg. The feed material should have coil manufacturers product details marked a regular interval. Including fasteners with min.fastened with min. 25 um Zinc-Tin alloy coated, Hex head, self- drilling screw etc. complete. (weight of profile 4.52 Kilogram/ One Square Metre) The contractor has to provide safety net below the roof sheeting to	14000	Sqm
16	Providing & Fixing Polyurethane Foam Sheet (Puff) Insulation 35-40 Kg/Cum. Density below the roofing sheet. (12 mm thick) for total of 10000 sqm of roofing materials.	3600	Kg

17	Supplying and fixing in position 3mm thick Translucent UV Stabilized polycarbonate roofing sheet of approved manufacturer, Fasteners, all special EWP/self-taping screws, flashings, trims etc as per approved drawing/as instructed by Engineer-in-charge. Overlapping of sheets should be done as per specification (upto any pitch in horizontal/vertical/inclined or curved surfaces). the rate includes the cost of all material, T&P, labour, unloading, leading, lifting, handling, re-handling scaffolding, all taxes etc. Item rate excludes the cost of purlins, rafters bracing, sag rod, Runner and trusses. nothing extra will be paid what so ever case may be. Note:- 1.Roofing and cladding sheets shall be fixed by means of mechanically galvanised hex-head steel self-drilling fasteners having integrals EPDM seals class-III 2. Polycarbonate sheet should be confirming to as per IS14443-1977 with latest revision. 3.For Additional details/instruction refer specification.	1800	Sqm
18	Cutting chases in brick masonry walls for following diameter sand cast iron/centrifugally cast (spun) iron pipes and making good the same with cement concrete 1:3:6 (1 cement : 3 coarse sand :6 graded stone aggregate 12.5 mm nominal size), including necessary plaster and pointing in cement mortar 1:4 (1cement : 4 coarse)	200	Rmt
19	Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five layer, 3 mm thick water proofing membrane, black finished reinforced with glass fibre matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 litre/sqm by the same membrane manufactured of density at 25°C, 0.87 - 0.89 kg/litre and viscosity 70 - 160 cps. Over the primer coat the layer of membrane shall be laid using butane torch and sealing all joints etc., and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be as under : Joint strength in longitudinal and transverse direction at 23°C as 350/300 N/5 cm. Tear strength in longitudinal and transverse direction as 60/80N. Softening point of membrane not less than 150°C. Cold flexibility shall be upto -2°C when tested in accordance with ASTM, D - 5147. The laying of membrane shall be got done through the authorised applicator of the manufacturer of membrane :3 mm thick	1400	sqm
Total Amount of schedule -X (Project Items) i.e. Project Cost			
Schedule - Y (Contingency Items)			
Contingency @ 3% of the Project Cost (To be calculated and submitted as the percentage of total of items of Schedule - X)			
Grand Total (Schedule X + Schedule Y)			

Note: Tenderer's attention is drawn to GIT clause 17 and GIT sub-clause 10.1.

The tenderer is to provide the required details, information, confirmations, etc. accordingly, failing which it is tender is liable to be ignored. Prospective bidders shall comply with the feature specifications (including Warrantee Obligations) and submit a "Specification Compliance Certificate" with their Technical Bid.

SECTION VIII: QUALITY CONTROL REQUIREMENTS

The work executed/material supplied by the successful bidder will be accepted on all parameters as per specification as stated in Section-VII. The purchaser reserves the right to get the material supplied tested from in-house laboratory or any other laboratory of repute and in case the material is found not meeting the specification, the purchaser shall be entitled to cancel the contract, and if so desired, purchase or otherwise the purchase of the stores at the risk and cost of the contractor.

SECTION IX: QUALIFICATION/ ELIGIBILITY CRITERIA

(1) Minimum Eligibility Criteria:

(i) Experience and Past Performance: The bidder should have experience of having successfully completed similar works (Similar means- Related civil works) during last 7 years ending on '31.03.2024'

a. Three similar completed work each costing not less than the amount equal to Rs.1,93,94,678/-.

or

b. Two similar completed work each costing not less than the amount equal to Rs.2,42,43,348/-.

or

c. One similar completed work costing not less than the amount equal to Rs.3,87,89,357/-.

Note: Only Start-ups are exempted from Experience and Past Performance criteria, being a works tender. In case any bidder is seeking exemption from Experience and Past Performance criteria, the supporting documents to prove his eligibility for exemption must be submitted for evaluation.

(ii) Capability, equipment and manufacturing facilities: -

a. The bidder should be enlisted in either Central Public Works Department (CPWD) or Military Engineering Services (MES) or any other Government /PSU / Autonomous bodies.

Note: Firms capacity and capability may be verified (if necessary) by the ISP.

(iii) Financial Standing:

(i) Average annual financial turnover of the bidder during the last three years, ending on 31.03.2024, should be at least Rs.1,93,94,678/- as per the annual report (audited balance sheet and profit & loss account of FY 2021-22, 2022-23 and 2023-24) of the relevant period duly authenticated by a Chartered Accountant/Cost Accountant in India.

ii) The net worth of the Bidder should not be negative on 31.03.2024 and also

iii) should not have eroded by more than 30% in the last three years, ending on 31.03.2024.

Note 1: To ascertain this criteria net worth of initial and last financial year should be compared.

Note 2: All the financial criteria shall be exempted for Start-ups (registered for the tendered item) only, being a works tender. In case any bidder is seeking exemption from financial criteria, the supporting documents to prove his eligibility for exemption must be submitted for evaluation.

Note 3: The criteria for Capability, Equipment and Manufacturing facilities shall be applicable to all the bidder firms including Startup Firms.

(2) Other Requirements:

(a) PAN: The Bidder should be registered with the Income tax. Relevant proof in support shall be submitted.

(b) Goods & Services Tax Registration: - The Bidder should be registered with the Goods & Services Tax Department. The bidder firm should submit GST Registration Certificate. Relevant proof in support shall be submitted.

(3) Undertaking(s) on firm's letter head: -

- (a) The firm should give undertaking that, *"We M/s_____have not been black-listed/ debarred for dealing with any Govt. Organization / Public Sector Undertaking (PSU) / Reputed Organization in the past"*.
- (b) That *"the information given in the documents are correct and the Bidder is awarded that in case any information provided is found to be false at a later stage, ISP reserves the right to reject/ disqualify the bidder at any stage of the tendering process without assigning any reason."*
- (c) The firm should give undertaking that, *"We agree to withdraw all the deviations, if any, unconditionally and accept all the terms and conditions of the tender document including the technical specifications"*.

(4) Applicability in Special Cases:

For Existing successful Past Suppliers: In case the bidder who is a successful past supplier of 'The Work' in at least one of the recent past three procurements, who do not meet any or more of requirements above, would also be considered to be qualified in view of their proven credentials, for the maximum quantity supplied by him in such recent past. (This clause is not applicable for Security Items as notified by Government of India from time to time.)

Joint Ventures and Holding Companies: Credentials of the partners of Joint ventures cannot (repeat cannot) be clubbed for the purpose of compliance of PQC in supply of Goods/Equipment, and each partner must comply with all the PQC criteria independently. However, for the purpose of qualifying the Financial Standing Criteria, the Financial Standing credentials of a Holding Company can be clubbed with only one of the fully owned subsidiary bidding company, with appropriate legal documents proving such ownership.

Section X: Tender Form

Date.....

To

.....
.....
.....

(Complete address of SPMCIL)

Ref: Your Tender document No. dated

We, the undersigned have examined the above-mentioned tender enquiry document, including amendment No. -----, dated ----- (*if any*), the receipt of which is hereby confirmed. We now offer to supply and deliver..... (*Description of goods and services*) in conformity with your above referred document for the sum shown in the price schedule(s), attached herewith and made part of this tender.

If our tender is accepted, we undertake to supply the goods and perform the services as mentioned above, in accordance with the delivery schedule specified in the List of Requirements.

We further confirm that, if our tender is accepted, we shall provide you with a performance security of required amount in an acceptable form in terms of GCC clause 6, read with modification, if any, in Section V – –Special Conditions of Contract||, for due performance of the contract.

We agree to keep our tender valid for acceptance for a period upto -----, as required in the GIT clause 19, read with modification, if any in Section-III – –Special Instructions to Tenderers|| or for subsequently extended period, if any, agreed to by us. We also accordingly confirm to abide by this tender upto the aforesaid period and this tender may be accepted any time before the expiry of the aforesaid period. We further confirm that, until a formal contract is executed, this tender read with your written acceptance thereof within the aforesaid period shall constitute a binding contract between us.

We confirm that in case of downloaded Tender Document, we have not changed/edited its contents. We realize that in case any such change is noticed at any stage including after the award of contract, we would be liable to action under clause 44 of the GIT.

We further understand that you are not bound to accept the lowest or any tender you may receive against your above-referred tender enquiry.

We also solemnly declare as under:

1. MSMEs Status:

Having read and understood the Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 (as amended and revised till date), and solemnly declare the following:

(a) Company /Partnership Firm /Proprietary Concern / Society/Trust / NGO/Others (Please Specify):.....

(b) Micro/ Small / Medium Enterprise/ SSI/ Govt. Deptt. / PSU/Others:

(c) Name of MSME Registering Body (NSIC/ DIC/ KVIC/KVIBetc.)

(d) MSME Registration no. (With copy of registration)

(e) Udyog Aadhaar Memorandum no.....

(f) Whether Proprietor/ Partner belongs to SC/ ST or Women category.

(Please specify names and percentage of shares held by SC/ST Partners):.....

2. Make in India Status:

Having read and understood the Public Procurement (Preference to Make in India PPP_MII) Order, 2017 (as amended and revised till date) and related notifications from the relevant Nodal Ministry/ Department, and solemnly declare the following:

(a) Self-Certification for category of supplier:

- Class-I Local Supplier /
- Class-II Local Supplier /
- Non-Local Supplier /

(b) We also declare that:

- There is no country whose bidders have been notified as ineligible on reciprocal basis under this order for offered product, or
- We do not belong to any Country whose bidders are notified as ineligible on reciprocal basis under this order.

3. Restrictions on procurement from bidders from a country or countries, or a class of countries under Rule 144 (xi) of the General Financial Rules 2017

Having read and understood the Order (Public Procurement No. 1) issued vide F.No.6/18/2019-PPD dated 23rd July 2020 (and its amendments if any) by Department of Expenditure, Ministry of Finance under the above provision and solemnly declare the following:

- We do not belong to any Country whose bidders are notified as ineligible under this order

4. Debarment Status: Please state whether business dealings with you currently stand suspended/ banned by any Ministry/ Deptts. of Government of India or by any State Govt:

- Yes (with period of Ban)
- No, we, solemnly declare that neither we nor any of our affiliates or subsidiaries- including subcontractors or suppliers for any part of the contract - do not stand declared ineligible/ blacklisted/ banned/ debarred by any Government Agency anywhere in the world, for participating in its tenders, under that country 's laws or official regulations.

5. Penalties for false or misleading declarations: I/we hereby confirm that the particulars given above are correct and complete and also undertake to advise any future changes to the above details. We understand that any wrong or misleading self- declaration by us would be violation of code of ethics and would attract penalties as mentioned in this tender document, including debarment.

.....
(Signature with date)

.....
(Name and designation)

Duly authorized to sign tender for and on behalf of

.....
.....



Section XII: Vendor Details

The tenderer should furnish specific details mentioned below. In case a question/ issue does not apply to a tenderer, the same should be answered with the remark “not applicable”.

Wherever necessary and applicable, the tenderer shall enclose certified copy as documentary proof/ evidence to substantiate the corresponding statement.

In case a tenderer furnishes a wrong or misleading answer against any of the under mentioned question/ issues, its tender will be liable to be ignored.

1. Vendor/ Contractor particulars:

- (a) Name of the Company:.....
- (b) Corporate Identity No. (CIN):
- (c) Registration if any with SPMCIL:
- (d) Complete Postal Address:
- (e) Pin code/ ZIP code:
- (f) Telephone nos. (with country/area codes):
- (g) Fax No.: (with country/area codes):
- (h) Cell phone Nos.: (with country/area codes):
- (i) Contact persons /Designation:
- (j) Email IDs:

2. Taxation Details:

- (a) PAN number:
- (b) Type of GST Registration (Registered, Unregistered, Composition, SEZ, RCM etc.):
- (c) GSTIN number:
- (d) Registered Address as per GST registration and Place of Delivery for GST Purpose:
- (e) Contact Names, Nos. & email IDs for GST matters (Please mention primary and secondary contacts):

We solemnly declare that our GST rating on the GST portal / Govt. official website is NOT negative / blacklisted during the last three financial years.

.....
(Signature with date)

.....
.....

(Full name, designation & address of the person duly authorized sign on behalf of the tenderer)
For and on behalf of

.....
.....
(Name, address, and stamp of the tendering firm)



Section XV: Bank Guarantee Form for Performance Security

**PROFORMA OF BANK GUARANTEE FOR CONTRACT PERFORMANCE GUARANTEE BOND
(ON BANK'S LETTERHEAD WITH ADHESIVE STAMP)**

Ref Date
Bank Guarantee No
To,

(Insert Name & Address of the Purchaser)

Dear Sir,

1. Against contract vide Notification for Award of the Tender No dated covering supply of (hereinafter called the 'contract') entered into between the **(insert name of Purchaser)** (herein after called as the Purchaser) and M/s. (here in after called the 'Contractor'), this is to certify that, at the request of the Contractor, we **(name of the bank)**, are holding in trust in favour of the Purchaser, the amount of **(write the sum here in words)**, to indemnify and keep indemnified the Purchaser, against any loss or damage that may be caused to, or suffered by the Purchaser, by reason of any breach by the Contractor of any of the terms and conditions of the said contract and/or in the performance thereof. We agree that the decision of the Purchaser, whether any breach of any of the terms and conditions of the said contract and/or in the performance thereof has been committed by the Contractor; and the amount of loss or damage that has been caused or suffered by the Purchaser, shall be final and binding on us, and the amount of the said loss or damage shall be paid by us, forthwith on demand and without demur to the Purchaser.

2. We **(name of the bank)**, further agree that, the guarantee herein contained, shall remain in full force and effect, for sixty days after the complete conclusion of the contractual obligations to the complete satisfaction of both the BIDDER and the BUYER, including warranty period whichever is later, i.e. till (hereinafter called the 'said date') and that if any claim accrues or arises against us **(name of the bank)**, by virtue of this guarantee before the said date, the same shall be enforceable against us **(name of the bank)**, notwithstanding the fact that the same is enforced within six months after the said date, provided that notice of any such claim has been given to us **(name of the bank)**, by the Purchaser, before the said date. Payment under this bond of guarantee shall be made promptly, upon our receipt of notice to that effect, from the Purchaser.

3. It is fully understood that this guarantee is effective from the date of the said contract and that we **(name of the bank)**, undertake not to revoke this guarantee during its currency, without the consent in writing of the Purchaser.

4. We undertake to pay to the Purchaser, any money so demanded, notwithstanding any dispute or disputes raised by the Contractor, in any suit or proceeding pending before any Court or Tribunal, relating thereto, our liability under this present, being absolute and unequivocal. The payments so made by us under this bond, shall be a valid discharge of our liability for payment thereunder, and the Contractor shall have no claim against us, for making such payments.

5. We..... **(name of the bank)**, further agree that the Purchaser shall have the fullest liberty, without affecting in any manner our obligations hereunder, to vary any of the terms and conditions of the said contract, or to extend time of performance by the Contractor, from time to time, or to postpone for any time or form, time to time, any of the powers exercisable by the Purchaser, against the said Contractor and to for bear or enforce any of the terms and conditions relating to the said contracts and we..... **(name of the bank)**, shall not be released from our liability under this guarantee, by reason of any such variation or extension being granted to the said Contractor, or for any forbearance and/or omission on the part of the Purchaser, or any indulgence by the Purchaser towards the said Contractor, or by any other matter or thing whatsoever, which under the law relating to sureties, would, but for this provision, have the effect of so releasing us from our liability under this guarantee.

6. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor.

Date
Place

Signature
(Printed Name)
(Designation)

Witnesses

(Bank's Common Seal)

Section XVI: Contract Form

(Address of SPMCIL's office issuing the contract)

Contract No..... dated.....

This is in continuation to this office' Notification of Award No..... dated

1. Name & address of the Supplier:

2. SPMCIL's Tender document No..... dated..... and subsequent Amendment No....., dated..... (If any), issued by SPMCIL

3. Supplier's Tender No..... dated..... and subsequent communication(s) No..... dated (If any), exchanged between the supplier and SPMCIL in connection with this tender.

4. In addition to this Contract Form, the following documents etc, which are included in the documents mentioned under paragraphs 2 and 3 above, shall also be deemed to form and be read and construed as part of this contract:

- (i) General Conditions of Contract;
- (ii) Special Conditions of Contract;
- (iii) List of Requirements;
- (iv) Technical Specifications;
- (v) Quality Control Requirements;
- (vi) Tender Form furnished by the supplier;
- (vii) Price Schedule(s) furnished by the supplier in its tender;
- (viii) Manufacturers' Authorisation Form (if applicable for this tender);
- (ix) SPMCIL's Notification of Award

Note: The words and expressions used in this contract shall have the same meanings as are respectively assigned to them in the conditions of contract referred to above. Further, the definitions and abbreviations incorporated under Section - V - 'General Conditions of Contract' of SPMCIL's Tender document shall also apply to this contract.

5. Some terms, conditions, stipulations etc. out of the above-referred documents are reproduced below for ready reference:

(i) Brief particulars of the goods and services which shall be supplied/ provided by the supplier are as under:

Schedule No.	Brief description of goods/ services	Accounting unit	Quantity to be supplied	Unit Price (in Rs.)	Total price

Any other additional services (if applicable) and cost there of:

Total value (in figure) _____ (In words) _____

- (ii) Delivery schedule
- (iii) Details of Performance Security
- (iv) Quality Control
- (a) Mode(s), stage(s), and place(s) of conducting inspections and tests.
- (b) Designation and address of SPMCIL's inspecting officer
- (v) Destination and despatch instructions
- (vi) Consignee, including port consignee, if any
- (vii) Warranty clause
- (viii) Payment terms
- (ix) Paying authority

.....
(Signature, name, and address of SPMCIL's authorized official)

For and on behalf of.....

Received and accepted this contract

(Signature, name, and address of the supplier's executive duly authorized to sign on behalf of the supplier)

For and on behalf of

(Name and address of the supplier)

.....

(Seal of the supplier)

Date:

Place:



**Section XVII: Letter of Authority for attending a
Pre-bid Conference/ Bid Opening**

The General Manager

Unit Address

Subject: Authorization for attending bid opening on _____ (date) in the Tender of _____.

Following persons are hereby authorized to attend the bid opening for the tender mentioned above on behalf of _____ (Bidder) in order of preference given below.

Order of Preference	Name	Specimen Signatures
I.		
II.		
Alternate Representative		
Signatures of bidder or Officer authorized to sign the bid Documents on behalf of the bidder.		

Note:

1. Maximum of two representatives will be permitted to attend pre-bid conference/ bid opening. In cases where it is restricted to one, first named representative will be allowed to attend. Alternate representative will be permitted when regular representatives are not able to attend.
2. In case of pre-bid conference, self-attested copy of proof of purchase of Bid documents, in the name of the bidder must be enclosed with this authorization, without which entry would be refused. Bid documents would be available for sale at the site also.
3. Permission for entry to the hall where even is held may be refused in case authorization as prescribed above is not produced.



Section XVIII: Proforma of Bills for Payments

(Refer Clause 22.6 of GCC)

Name and Address of the Firm.....

Bill No.....

Dated.....

Purchase order.....No.....Dated.....

Name and address of the consignee.....

S. No	Authority for purchase	Description of Stores	Number or quantity	Rate Rs. P.	Price per Rs. P.	Amount
Total						

1. GST/ CGST/ SGST/ UTGST/ IGST Amount

2. Freight (if applicable)

3. Excise Duty (if applicable)

4. Packing and Forwarding charges (if applicable)

5. Others (Please specify)

6. PVC Amount (with calculation sheet enclosed)

7. (-) deduction/Discount

8. Net amount payable (in words Rs.)

Dispatch detail RR No. other proof of despatch.....

Dated.....(enclosed)

Inspection Certificate No.....Dated.....(enclosed)

Place and Date

Received Rs.....

Rupees).....

We solemnly certify that:

a. Goods and Services Tax (GST) charged on this Bill is not more than what is payable under the provision of the relevant Act or the Rules made there under.

b. Goods on which GST has been charged have not been exempted under the GST Act or the rules made there under and the charges on account of GST on these goods are correct under the provisions of that Act or the Rules made there under.

c. We are registered with above indicated GSTIN as dealer in the State where in their Billing address is located for the purpose of GST.

d. This bill form / invoice is not a replacement for the GST invoice. The proper GST invoice as per requirements of GST rules has been sent to the Purchaser as and when deliveries are made to the consignee.

e. that the payment being claimed is strictly in terms of the contract and all the obligations on the part of the supplier for claiming that payment has been fulfilled as required under the contract.

Revenue stamp

Signature and of Stamp Supplier



Section XIX: NEFT Mandate

(Refer clause 22.2 of GCC)

From: M/s. Date:

To:

(Insert Name and Address of Purchaser's Paying Authority as per NIT Clause 1)

Sub: NEFT payments

We refer to RBI's NEFT scheme. Our mandate SPMCIL for making payments to us through the above scheme to our under noted account.

NATIONAL ELECTRONIC FUNDS TRANSFER MANDATE FORM

1	Name of City	
2	Bank Code No.	
3	Branch Code No.	
4	Bank's Name	
5	Branch Address	
6	Branch Telephone / Fax No.	
7	Supplier's Account No.	
8	Type of Account	
9	IFSC code for NEFT	
10	IFSC code for RTGS	
11	Supplier's name as per Account	
12	MICR Code No.	
In Lieu of Bank Certificate to be obtained as under, please attach a bank cancelled cheque or photocopy of a cheque or front page of your bank passbook issued by your bank for verification of the above particulars.		

I hereby declare that the particulars given above are correct and complete. If the transaction is delayed or not effected at all for reasons of incomplete or incorrect information, I would not hold the user institution responsible. I have read the option intimation letter and agree to discharge responsibility expected of me as a participant under the scheme.

Date

Signature of the Customer

Certified that the above particulars are correct as per our record.

Stamp and
Signature of authorized
official of the bank



*Note: “**Anti-Bribery Management system (ABMS)**- By participating in this tender, the suppliers/Vendors/Contractors are deemed to have undertaken that they shall not give or take, any financial or non-financial bribe, to or from anyone during the tender or during the execution of the contract thereafter and if they notice any such incident happening, they shall report it to Vigilance.”*

Technical Terms and Conditions

Name of Work: Rate contract of Replacement of Roofing material, Roofing Accessories and North-Light Glass of factory buildings in India Security Press, Nashik Road.

This Document Contains:

- 1. Section –I Technical Specification**
- 2. Section -II Material Specification**
- 3. Section -III Bill of Quantities**
- 4. Section -IV Project Quality Plan**
- 5. Section – V Drawing**

SECTION-I
TECHNICAL SPECIFICATION

TECHNICAL SPECIFICATIONS

1.0 GENERAL

1.1 SCOPE

These specifications establish and define the materials and constructional requirements for civil engineering construction works in brief.

1.2 EQUIVALENCY OF STANDARDS AND CODES, MEASUREMENTS & MATERIALS

- 1.2.1 Wherever reference is made in the contract to specific standards and codes to be met by the goods and materials to be furnished, and work performed or tested, the provisions of the latest current edition or revision of the relevant standards and codes in effect shall apply, unless otherwise expressly stated in the contract. In case, no reference is made for any particular work, relevant IS /BIS Codes will be followed.
- 1.2.2 Providing and operating necessary measuring and testing devices and materials including all consumables are included in the Scope of Work. No separate measurement or payment for testing the work shall be made but rates quoted for various items shall be deemed to include cost of such tests, which are required to ensure achievement of specified quality.
- 1.2.3 All materials shall be of standard quality, manufactured by renowned concerns, conforming to Indian Standards and shall have certification work from Bureau of Indian Standards as far as possible, unless otherwise approved by Engineer. The contractor shall get all materials approved by Engineer prior to procurement and use. The contractor shall furnish manufacturer's certificates, for materials supplied by him when asked for. Further to that he shall get materials tested from an approved Test House, if asked for by the Engineer. The cost for all the tests and test certificates shall be borne by the contractor. No separate payment shall be made for the testing. The Engineer shall have the right to determine whether all or any of the materials are suitable. Any materials procured or brought to site and not conforming to specifications and satisfaction of the Engineer shall be rejected and the contractor shall have to remove the same immediately from site at his own expense and without any claim for compensation due to such rejection.
- 1.2.4 All goods and materials to be incorporated in the works shall be new, unused, of the most recent or current models and incorporate all recent improvements in design and materials, unless provided otherwise in the contract.

- 1.2.5 Wherever referred to in this tender document, only the latest revision of specifications, Codes of Practice and other publications of the Indian Standards shall be applicable.

1.3 WORK SPECIFICATIONS

The works will be executed, as indicated in the nomenclature of each items, Bill of Quantities, Drawings, Specification and Terms and Conditions read in conjunction with those given in this Contract. In the absence of any definite provision in the specifications, contained herein, reference may be made particularly to:

- a) For items/structure, covered by SOR: Latest specification for Materials & works shall be followed.
- b) CPWD specification for all items pertaining to DSR.
- c) IS code of practice for planning and reinforced concrete for general building construction (IS 456-2000 with latest correction slip/amendment)
- d) IS code of practice (IS 800 – 2007 with latest correction slip/amendment) revised 10th print 1981 for structural steel.
- e) Any other IS code relevant in case CPWD standard specifications either refer to or the later is not clear.

1.3.1 The list is not exhaustive. The relevant, IS codes will be followed where the CPWD specifications, do not cover any item of works.

1.3.2 Wherever referred specifications are silent, the construction and completion of the works shall conform to relevant I.S Code of practice. In case of any dispute arising out of the interpretation of the above, the decision of Engineer shall be final and binding on the contractor.

1.4 Contractor shall bring samples of all materials to be used on the work. One set of such sample will be kept in the Engineer – incharge’s office at site and other will be available with the contractor at site. Both the samples shall be jointly signed and sealed by Engineer-in-charge and contractor.

2.1 SHEETING SPECIFICATIONS:

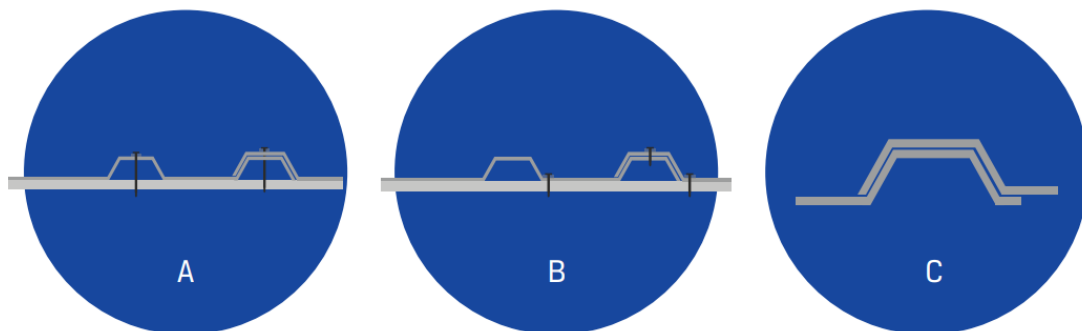
Technical Specification for Color coated Profile Roofing sheets

- I. All the above minimum design requirements are to be met by the vendor and the sheets are to be supplied as per Indian standard IS 14246 or ASTM A755 or Equivalent International Standards.
- II. The vendor should confirm while quote in their offer that the supplied profile roofing sheet will meet the material specification requirement as mentioned in Clause A.
- III. Taking care of the minimum overlap required between the sheets as mentioned, the vendor should indicate the number of roofing sheets required to meet the covered area mentioned in our enquiry. The vendor should confirm in their offer that the supplied number of sheets will be adequate for the covered area indicated in our specification..
- IV. All roof and wall panels shall be cold formed to required length to minimise end laps. Roof panels shall be lapped at ends, not less than 300 mm. with laps occurring on purlins.
- V. All the materials shall be got approval from ISP Nashik/VNIT Nagpur (Consultant) before their procurement /execution.
- VI. The colour scheme of the proposed work is as per instructions of ISP Nashik/VNIT Nagpur officials.
- VII. Test frequency of Material will be as per Specification/IS Code or as specified by Engineer In-Charge. The cost of the test done will be borne by the contractor.

Installation Process of Profile Sheet:

- Structure like tubes, truss, angles and channels (except Zinc coated supporting structures) should be painted with anticorrosive zinc paint before fixing the sheets.
- Keep your weight evenly distributed over the soles of both feet to avoid concentrating your weight on either heels or toes
- Cut materials on the ground and not on other material where hot particles can fall and cause damage to the finish of the sheet
- Use neutral cure silicone rubber sealants
- Immediately after installation/ fixing remove the guard film of pre-painted/ coated sheets. Non-removal of guard film may cause condensation of moisture and degradation of inorganic coatings resulting in subsequent paint peel off.
- The rubber washer, component of self-drilling screws must be from materials compatible with roofing, walling and accessory material
- Remove iron fines from drilling, saw cut chips & fasteners lying can cause rust stains

- Leaving debris on the sheets may lead to such type of defects. Sweep, swarf from roof after finishing installation will lead to defects
- Direct contact with cement foundation is not recommended for bare and pre-painted Galvalume & Pre-painted Galvanized products. Accelerated corrosion can occur due to the lime contained in the cement.
- Crest fixing for roofs or walls - (A), Valley fixing for walls only - (B)
- The groove portion should be on the inner side. The air gap on the left ensures that water does not travel upwards - (C)



- The groove portion should not be on the outer side. Improper contact makes the roof vulnerable to water leakages
- Remove all metal scrap, drill particles, pop rivet mandrels and excess fasteners from the roof to avoid rust stains
- It is important that shoes do not have small stones, steel drilling etc. embedded into the soles
- Two types of dirt accumulate on buildings: dry soil and greasy or organic residues, The dry dirt, by itself, washes off with rain or high-pressure water spray, Greasy residues do not wash off in rain and hold dry soil and chalk tightly to the surface
- Water can enter through the guard film, which may lead to paint peel off.
- Proper fastener installation procedures to be followed
- For roll forming of pre-painted materials, rolls should be properly polished. There should not be any damage on the sheets. Clean the sheets to avoid damage to the paint finish
- Maintain the roll forming equipment to achieve proper vertical and horizontal tooling alignment, as well as adequate clearance between the mating top and bottom spindle rolls to avoid abrading the coating
- Guard film should be removed immediately after installation

- Clean the roof with clean water or mild detergent by using soft cloth, mop or soft nylon bristle brush to avoid swarf stains and rusts
- Use a power saw with a metal-cutting blade to cut thin metals. This results in fewer hot metal particles and leave less resultant burr than a carborundum disc Metal debris from sawing, drilling and other construction possess should be removed during installation, otherwise, the metal filings will red rust on the surface where they were deposited. Red rust of the metal filing can cause stain or discolouration on the surface of the panel whether it is bare or painted and cause appearance issue
- Guard films are provided only for forming operations and avoid handling scratches

2.5 Paint

Standard brands of paints and primers as per relevant IS code or as specified, all labour and materials, cleaning materials, ladder scaffolding, tools plant and equipment's including brushes of approved /pattern of contractor expenses.

2.6 Fixing of Gutter

Fixing of gutter is As per IS 2527:1984. Gutter shall be laid with a minimum fall of 1 in 150. All gutters shall be supported at centres not exceeding 750 mm and supporting brackets or screws shall normally coincide with alternate stays. Where brackets are to be fixed to the side of rafters, they shall be bent to shape and fixed rigidly to the sides of rafter with 10 mm dia bolt. The brackets shall lap with rafter not less than 300 mm and connecting bolts shall be at 120 mm centres. Where the brackets are to be fixed to the purlins the brackets shall be bent to shape with one end turned at right angle and fixed to the purlin face with 10 mm dia bolt, nut and washer. The perpendicular over hung portion of the bent to shape shall be fixed to the brackets with 2 No. 6 mm dia bolt. The requisite slope in the gutter shall be given in the line bracket. The brackets shall be placed at not more than 1 200 mm. For connection to down take pipes, a proper drop end or funnel shaped connecting piece shall be made out of sheet of the same thickness as the gutter and riveted to the gutter the other end tailing into the socket of the rainwater pipe. The gutter when fixed shall be true to line and slope and shall be water-tight.

- 2.7 Any other work not included in above paras should be executed as per relevant specifications and as directed by Engineer in-charge.

3.0 TESTING OF MATERIALS

- 3.1 All materials to be used in and on every part of the works shall be subjected, from time to time, such tests as given in **List of Mandatory Tests or as required as per CPWD specifications. These tests/norms are the Minimum requirement and the Engineer-in-Charge may supplement these with additional tests/checks according to the site condition, at no extra cost.** The samples for tests shall be in all cases selected by the Engineer-in-charge and supplied by the contractor as part of the contract. If at any time, any material so tested, fails to meet the acceptance criteria, the same shall be removed from the site of works and other materials substituted therefore, but in the absence of any specified test/acceptance criteria, the decision of the Engineer-in-charge shall be final and binding as to whether the said material or materials shall be used on the works, or forthwith removed and other material substituted.
- 3.2 The contractor shall permit the Engineer-in-charge or his authorized representative to be present during any of or all the tests. The notification to the Engineer-in-charge that the work has been completed, the contractor shall make under the direction and in the presence of Engineer-in-charge such tests and inspections as have been specified or as the engineer-in-charge shall consider necessary to determine whether or not the full intent of requirements of the plans and specifications have been fulfilled. in case the work does not meet the full intent of the specifications it shall be rectified by the contractor at no extra cost and the contractor shall bear all the expenses for any further tests considered necessary.
- 3.3 The contractor shall arrange for conducting tests, specified in **Quality Assurance Plan (QAP)**, in the presence of an officer, authorized by the Engineer-in-Charge. Full records of all tests conducted shall be maintained by the contractor in the format given by Engineer-in-Charge which will be made available to the Engineer-in-Charge or to any officer authorized by him whenever required.
- 3.4 The purchaser representative shall be free to visit the manufacturer work at all reasonable times to witness and inspect the testing of equipment. It is the duty of tender to see that all equipment's supplied are tested as per relevant IS specifications. The contractor shall furnish Manufacturer Test Certificate (MTC) for the routine and type test conducted on the equipment offered, if necessary the contractor shall arrange to conduct all the routine test at the manufacturer premises in presence of ISP

Nashik/VNIT Nagpur representative on receipt of material/equipment at site the tenderer shall offer equipment/material for inspection and get approved before installations.

Tentative Make / or ISI marks should be procured

S. No.	Name of Material	Make
1	CPVC water supply pipe	Astral, Supreme, Prakash & Prince (wall pressure Min 500 PSI) or equivalent
2	G.I. Pipes	Jindal (Hissar), Tata or equivalent
3	Structural Steel sections, sheets, plates etc.	TATA, SAIL, Jindal or equivalent
4	Stainless Steel Bolts, Washers & Nuts	Kundan, Puja, Atul or Equivalent
5	Galvalume Sheet / Profile sheet	JSW/SAIL/ISPAT/TATA/Hindalco make
6	anticorrosive bitumastic paint	Nippon, BM, Indigo or equivalent

Note:

- a) The Contractor shall supply ISI marked material as per any of the makes or brands indicated above. In case the firm is not manufacturing ISI marked material for any of the brands, first quality material shall be accepted. The samples of the material shall in either case have to be got approved from the Engineer. In case Engineer In Charge feels that some material/brand is not meeting the project requirements/client requirements or proper specifications, the same shall not be allowed even if its brand name is included in list of approved make/brand above. No claim of contractor on this account shall be entertained for difference in cost etc.
- b) ISI marked samples shall be submitted by the Contractor for approval of Engineer. For those class of materials, where no firm exists with ISI approval, sample of first quality material of the firm shall be submitted for the approval of the Engineer.
- c) Any variation from the above mentioned makes/brands will require specific approval of the Engineer. Equivalency of any item/material shall be determined by the present day cost of item/ material. The items falling within plus/minus (+/-) 2% of cost shall be

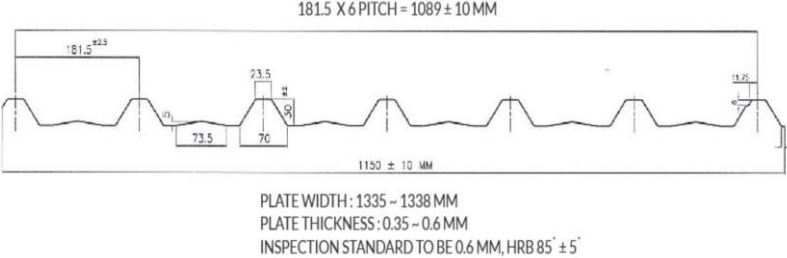
treated as equivalent. Rates shall be collected only from the main suppliers/manufactures for comparison.

- d) It will be contractor's responsibility to ensure the quality of products listed in approved list of brands. Contractor will have to replace the defective and substandard materials at his own cost.
- e) Contractor shall use one make item wise throughout the project in consultation with Engineer

SECTION-III
MATERIAL SPECIFICATION

MATERIAL SPECIFICATION

S.No.	Description	Specification	Remarks
1	PPGL HARD COLOURBOND Profile Sheet with AZ150 coating (ZSW/TATA Steel/Equivalent)		
A	Material Specification:		As per IS 5119-1968
	Thickness of Sheet	0.5 mm	Thickness tolerance shall be as per IS 513 or equivalent
	Profile full width	1070 mm	
	Profile covered width	1000 mm	
	Width Tolerance	±10 mm	Width tolerance shall be as per IS 513 or equivalent
	Length	7.3152 m(24 feet) or as per site condition	
	Minimum Overlap required between adjacent roofing sheets(Width overlap)	75mm over length of the sheet	As per IS 5119:1968
	Substrate	High Grade Aluminium Zinc Galvalume Coating (AZ150)	
	Paint Type	Top: Super Durable Polyester (SDP) Bottom: Regular Modified Polyester(RMP)	
	Colour	Middle Sky Blue	

	Roofing Profile	 <p>Pitch = 181 ± 2.5 mm, Crest Height = 30 ± 2 mm,</p>	
B			
	Yield Strength	550 MPa	Minimum 240 MPa As per IS 513
	Scratch Hardness (T/B)	1.5 kg min for Top Coat 1 kg min for bottom Coat	
	Salt Spray Test	1000 hrs	
	Adhesion Test	100%	
	Humidity Test	750-1000 Hrs	
	Operating Temp Test	Upto 100 ⁰ C	
	Chemical Resistant	Resistant against the aggressive chemical environment and Corrosion Resistant	As per IS 12093 (1987)
	Durability of Paint	As per IS14246 or as applicable to Equivalent standards indicated as above.	

	Packing and dispatch	<p>a) Packing should be ensured to avoid damage to roofing sheets during handling, Transit and Storage.</p> <p>b) Suitable packing methodology to be followed to ensure roofing sheets packing bottom is not touching the ground/earth.</p> <p>c) Handling marking /symbols should be incorporated in each packing to enable proper handling</p>	
2	Accessories:	Plain Ridge, Corner Flashing, Gable Flashing, Box Gutter, Eave Gutter Valley Gutter, Deep Trimes, Down Take Pipes etc.	
A	Plain Ridge	Minimum 500mm width	As per IS 5119:1968
	Material Specification	Similar Material to roofing sheet	
	No. of Ridge	As per site requirement	
	Minimum Overlap required between adjacent roofing sheets & Ridge sheet(Width overlap)	Ridge or Hip Piece shall have minimum overlap of 75 mm	As per IS 5119:1968

B	Gutters(Box Gutter, Eave Gutter, Valley Gutter, Deep Trimes)	Gutters shall be fixed 25 mm below the edges of the roof supported with brackets at about 1.25 m intervals and other materials should confirm with IS2577:1984	As per IS2577:1984
	Size & Shape of gutter	Please refer detailed drawing	As per IS 2527:1984
	Material Specification:	4 mm Thick GS sheet with High Grade Aluminium Zinc coating of 2 layers(40micron thick) and 1 layer of bituminous anti corrosion paint on top	
C	Down Take Pipes	For connection to down take pipes, a proper drop end or funnel shaped connecting piece shall be made out of sheet of the same thickness as the gutter and riveted to the gutter the other end tailing into the socket of the rainwater pipe. The gutter when fixed shall be true to line and slope and shall be water-tight	As per IS 2577:1984 and IS 1161: 2014
D	Heat Insulation Sheet	12 mm thick heat insulating XLV sheet is provided below the profile sheet. It is reduced the 40-60% heat from the	
E	Translucent Sheet	Translucent sheet of thickness 1.10 mm shall be provided after every fourth sheet on the north side panel.	as per IS 12866: 1989

SECTION-IV
BILL OF QUANTITY (BOQ)

BILL OF QUANTITY (BOQ)

Sl.No.	Description	Quantity	Unit
1	Dismantling roofing including asbestos sheet, ridges, hips, valleys, and gutters, northlight glass panel etc. as directed by Engineer In-charge and disposal of asbestos sheet, glasses etc outside ISP premises, excluding steel materials away 5 km as shown by Engineer In charge. All the steel material shall be deposited at ISP stores	18000	sqm
2	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+ 0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self-drilling/ self-tapping screws complete		
2.1	North Light Curves/Crimp Curve	2000	metre
2.2	Flashings/ Aprons. (upto 600 mm)	500	metre
3	providing and fixing wind ties of 40x 6 mm GI section on the profile sheet	2500	metre
4	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	20000	kg

5	Providing 4 mm thick MS gutter profiles with iron bracket , making necessary holes of required sizes and of required numbers etc. complete. This item includes cost of all inputs of designing, labour for fabricating and installation o T&P, scaffolding and other incidental charges including wastages etc., enabling temporary structures and services, cranes or cradles etc. as described above and as specified. Gutter shall be manufactured as per design and drawing and site condition.	25000	kg
6	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete. On steel work	3000	Sqm
7	Dismantling steel work manually/ by mechanical means in built up sections without dismembering and stacking within 50 metres lead as per direction of Engineer-in-charge.	10000	kg
8	Extra for dismantling trusses, rafters, purlins etc. of steel work for every additional height of one metre or part there of beyond 5 metres.	10000	Kg
9	Providing and fixing on wall face unplasticized rigid PVC rain water pipes conforming to IS:13592 type A, including jointing with seal ring conforming to IS:5382, leaving 10mm gap for thermal expansion, (i)single socketed pipes including all fitting and fixtures such bend, shoe etc.		
9.1	160 mm diameter	2000	metre
10	Demolishing brickwork manually/by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50meters lead as per direction of engineer in charge		
10.1	In cement mortar	20	cum
11	Cement Plaster (In Course sand)		
11.1	20mm Cement plaster mix:		
11.2	1:6 (1 cement: 6 course sand)	1000	Sqm

12	Chipping of unsound/weak concrete material from slabs, beams, columns etc. with manual Chisel and/ or by standard power-driven percussion type or of app		
12.1	50mm average thickness	1000	Sqm
13	Providing and injecting approved grout in proportion recommended by the manufacturer into cracks\honey-comb area of concrete/masonry by suitable gun/pump at required pressure including cutting of nipples after curing etc., complete as per direction of Engineer-in-charge. (The Payment shall be made on the basis of actual weight of approved grout injected)		
13.1	Epoxy injection grout in concrete/RCC work of approved make	100	kg
14	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40 mm dia M.S. tube 1.5 m centre to centre, horizontal & vertical tubes joining with cup & block system with M.S. tubes ,M.S. tube challies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after. The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineer-in-charge. The elevational area of the scaffolding shall be measured for payment purpose. The payment will be made once irrespective of duration of scaffolding.	5000	Sqm

15	<p>Providing and fixing colour coated Zinalume (R) AZ150 (min 150 gms/sq.mt. total on each side) profiled sheets for roofing. The feed material is manufactured out of nominal 0.45 mm Base Metal Thickness (BMT) (0.5 mm TCT), Hi-strength steel with min.550 MPa yield strength, metallic hot dip coated with Aluminium-Zinc alloy (55% aluminium 43.4% zinc 1.6% silicon) with COLORBOND (R) steel quality super durable polyester paint coat (with inorganic pigment). The paint shall have a total coating thickness of nominal 35 um, comprising of nominal 25 um exterior coat on top surface and nominal 10 um reverse coat on back surface. Profile sheet shall have nom. 950-1050 mm effective cover width and nominal 25-30 mm deep ribs with subtle square fluting in the five pan at nominal 180-250 mm center- to-center. The end rib shall be designed for anti-capillary groove. and return leg. The feed material should have coil manufacturers product details marked a regular interval. Including fasteners with min. fastened with min. 25 um Zinc-Tin alloy coated, Hex head, self-drilling screw etc. complete. (weight of profile 4.52 Kilogram/ One Square Metre) The contractor has to provide safety net below the roof sheeting to prevent any materials falling in the working area below.</p>	14000	Sqm
16	<p>Providing & Fixing Polyurethane Foam Sheet (Puff) Insulation 35-40 Kg/Cum. Density below the roofing sheet. (12 mm thick)</p>	3600	Kg
17	<p>Supplying and fixing in position 3mm thick Translucent UV Stabilized polycarbonate roofing sheet of approved manufacturer, Fasteners, all specials EWP/self-taping screws, flashings, trims etc as per approved drawing/as instructed by Engineer-in-charge. Overlapping of sheets should be done as per specification (up to any pitch in horizontal/vertical/inclined or curved surfaces). the rate includes the cost of all material, T&P, labour, unloading, leading, lifting, handling, re-handling scaffolding, all taxes etc. Item rate excludes the cost of purlins, rafters bracing, sag rod, Runner and trusses. nothing extra will be paid what so ever case may be. Note:-</p>	1800	Sqm

	<p>1. Roofing and cladding sheets shall be fixed by means of mechanically galvanised hex-head steel self-drilling fasteners having integrals EPDM seals class-III</p>		
	<p>2. Polycarbonate sheet should be confirming to as per IS14443-1977 with latest revision.</p>		
	<p>3. For Additional details/instruction refer specification.</p>		
18	<p>Cutting chases in brick masonry walls for following diameter sand cast iron/centrifugally cast (spun) iron pipes and making good the same with cement concrete 1:3:6 (1 cement : 3 coarse sand :6 graded stone aggregate 12.5 mm nominal size), including necessary plaster and pointing in cement mortar 1:4 (1 cement : 4 coarse</p>	200	Rmt
19	<p>Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five-layer, 3 mm thick water proofing membrane, black finished reinforced with glass fibre matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 litre/sqm by the same membrane manufactured of density at 25°C, 0.87 - 0.89 kg/litre and viscosity 70 - 160 cps. Over the primer coat the layer of membrane shall be laid using butane torch and sealing all joints etc., and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be as under: Joint strength in longitudinal and transverse direction at 23°C as 350/300 N/5 cm. Tear strength in longitudinal and transverse direction as 60/80N. Softening point of membrane not less than 150°C. Cold flexibility shall be up to -2°C when tested in accordance with ASTM, D - 5147. The laying of membrane shall be got done through the authorised applicator of the manufacturer of membrane :3 mm thick</p>	1400	sqm

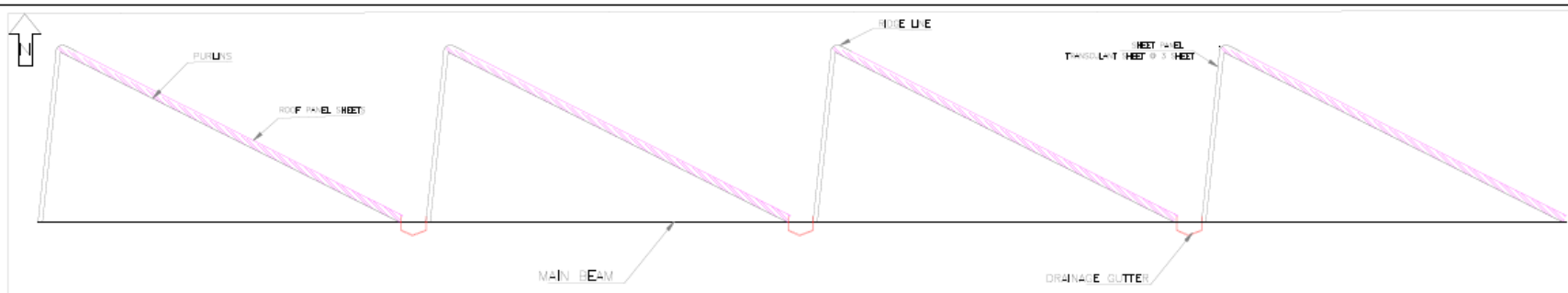
Section -IV
PROJECT QUALITY PLAN

PROJECT QUALITY PLAN

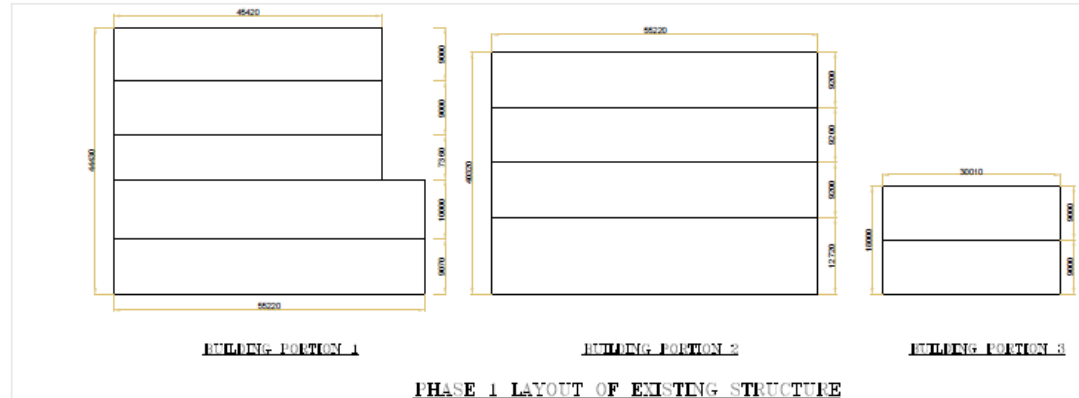
MANUFACTURING QUALITY PLAN														
S. No.	Component & Operations	Characteristics	Class	Type of Check	Quantum of Check		Ref. Document	Acceptance Norms	Format of Record	Test Responsibility				Remarks
					M	C/N				M	C	CT	ISP	
1	2	3	4	5	6		7	8	9	10				11
1	RAW MATERIALS													
1a	Structural Steel	CHEMICAL PROPERTIES	NA	CHEMICAL TEST	TEST CERTIFICATE		IS 2062	IS 2062	TEST CERTIFICATE	P	MTC	V	A/NA	
		Physical Properties Test	NA	Physical Test	Sample		IS 1599	IS 1599	TEST CERTIFICATE	P	P	V	A/NA	NABL Lab
1b	Steel Tubular pipes, Sheets etc.	CHEMICAL PROPERTIES	NA	CHEMICAL TEST	TEST CERTIFICATE		IS 2062	IS 2062	TEST CERTIFICATE	P	MTC	V	A/NA	
		Tensile Test	NA	Physical Test	Sample		IS 1608	IS 1608	TEST CERTIFICATE	P	P	V	A/NA	
		Bend Test	NA	Physical Test	Sample		IS 2329	IS 2329	TEST CERTIFICATE	P	P	V	A/NA	
		Flattering Test	NA	Physical Test	Mtc Sample		IS 2328	IS 2328	TEST CERTIFICATE	P	P	V	A/NA	
1c	Roofing Sheet	CHEMICAL PROPERTIES	NA	CHEMICAL TEST	TEST CERTIFICATE		IS 277	IS 277	TEST CERTIFICATE	P	MTC	V	A/NA	
		Physical Properties	NA	Physical Test	Sample		IS 14246	IS 14246	TEST CERTIFICATE	P	P	/V	A/NA	

		Test							CATE					
1d	Insulation Sheet (Polyurethane Foam)	CHEMICAL PROPERTIES	NA	CHEMICAL TEST			IS 12436	IS 12436	TEST CERTIFICATE	P	MTC	V	A/NA	
1e	Paint	CHEMICAL PROPERTIES	NA	CHEMICAL TEST	TEST CERTIFICATE		IS 14288	IS 14288	TEST CERTIFICATE	P	MTC	V	A/NA	
1f	Flashing, trims, & valley gutters.	Physical Properties Test	NA	Physical Test	Sample		IS 14246	IS 14246	TEST CERTIFICATE		P	V	A/NA	
2	IN PROCESS CHECKS													
	Workmanship Quality	DIMENSIONS	MAJOR	DIMENTIONAL MEASUREMENT	100%	100%	AS PER DRAWING & TECH. SPECIFICATION	AS PER DRAWING & TECH. SPECIFICATION	SPECTION REPORT		P	W/V	A/NA	
3	INSPECTION													
I	Verification of completion of Manufacturing										P	W/V	A/NA	
		Note: where, M= Manufacturer, C= Contractor, CT- Consultant, ISP= Indian Security Press MTC= Material testing Certificate, P=Perform, W=Witness, V= Verify, A= Approved, NA= Not Approved.												

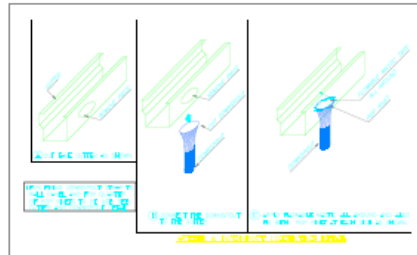
SECTION-V
DRAWINGS



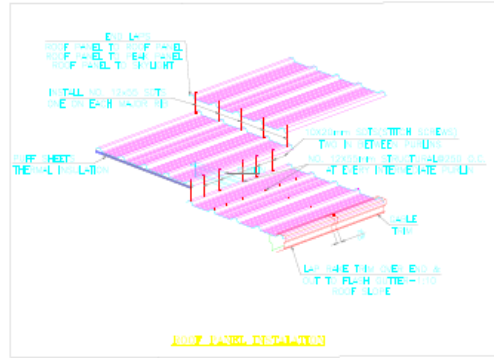
PHASE I CROSS SECTION OF EXISTING STRUCTURE



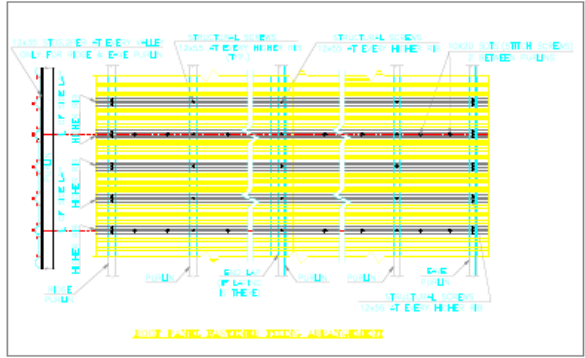
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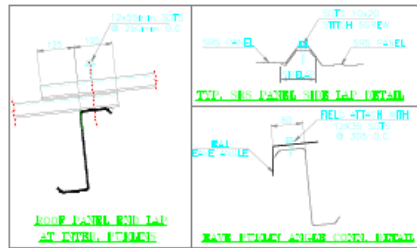
C/S OF DRAINAGE



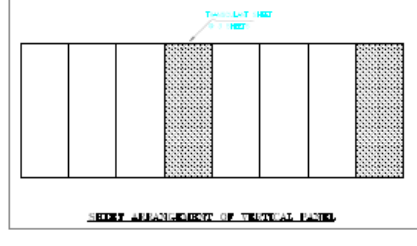
ROOF PANEL INSTALLATION



ROOF PANEL FASTENING ARRANGEMENT



ROOF PANEL END TAIL AT EAVE/DOWNPipe
RAIN WATER GUTTER CONNECTION DETAIL



ROOF ARRANGEMENT OF TRIANGULAR PANEL

REVISION	DATE	DESCRIPTION	SIGN.

CAUTION -
This drawing is the property of VNT. It should not be used, copied, produced or exhibited in any form detrimental to our interest without our written consent.

	TITLE -> CROSS SECTIONAL DETAILS OF ROOF
	PROJECT -> CONSULTANCY SERVICES FOR REPLACEMENT OF ROOFING MATERIAL, ROOFING ACCESSORIES AND NORTH-LIGHT GLASS OF FACTORY BUILDINGS IN INDIA SECURITY PRESS, NASHIK ROAD
CLIENT -> INDIAN SECURITY PRESS (ISP), NASHIK	

DESIGN BY: MP	DRN BY: JW/RD	CHKD BY: DR. SWAPNIL WANJAR (VNT, NAGPUR)	DATE: 09.05.2024
DRG NO: VNT/SOWS/2024/05/101			RD