

ARMY PUBLIC SCHOOL SUNJUWAN
PO-SANIK COLONY (JAMMU)-180011
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INVITATION FOR TENDER CONSTRUCTION OF 10M SHOOTING HALL WITH G.I COLOUR COATED PROFILE SHEET ROOFING AT ARMY PUBLIC SCHOOL, SUNJUWAN (JAMMU)

1. Bids are invited for supply of items listed in Part II of this RFP. Please subscribe the above mentioned Title, RFP number and date of opening of the Bids on the sealed cover to avoid the Bid being declared invalid.

2. The address and contact numbers for sending Bids or seeking clarifications regarding this RFP are given below:-

- (a) Bids/queries to be addressed to : ARMY PUBLIC SCHOOL, SUNJUWAN
SANIK COLONY- JAMMU (J&K)
PIN-180011
- (b) Postal address for sending the Bids : ARMY PUBLIC SCHOOL, SUNJUWAN
SANIK COLONY- JAMMU (J&K)
PIN-180011
- (c) Name/designation of the contact personnel: Principal, Army Public School, Sunjuwan
- (d) Telephone numbers of the contact personnel : 9796179646
- (e) E-mail ids of contact personnel : apssunjuwan@gmail.com
- (f) Fax number : -

3. **This RFP is divided into six parts as follows: -**

Parts	Details
Part I	Contains General Information and Instructions for the Bidders about the RFP such as the time, place of submission and opening of tenders, validity period of tenders, etc.
Part II	Contains essential details of the services required.
Part III	Contains Standard Conditions of RFP, which will form part of the Contract with the successful Bidder.
Part IV	Contains Special Conditions applicable to this RFP and which will also form part of the contract with the successful Bidder.
Part V	Contains Evaluation Criteria and Format for Price Bids
Part VI	Contains vendor's verification format.

4. This RFP is being issued with no financial commitment and the Buyer reserves the right to change or vary any part thereof at any stage. Buyer also reserves the right to withdraw the RFP, should it become necessary at any stage.

5. Please note that the quotation must indicate unconditional acceptance of all terms and conditions of this request for proposal (RFP) failing which it is liable to be rejected. You may however, indicate desired terms and conditions that may be accepted or rejected on the sole discretion of the buyer. Certificate for unconditional acceptance must be put in the qualifying bids.

PART I – GENERAL INFORMATION

1. **Eligibility Criteria for Vendors.** Vendor fulfilling the following criteria are eligible to submit the tender:-

- (a) Registration of Firm/Agency/Company.
- (b) Attested copy of PAN and GST Registration.
- (c) **Proof of similar works already undertaken.** The Vendor should have three years' experience of having executed construction contracts of similar nature and copies of contracts along with proof of receipt of payment should be submitted along with the bid.

2. **Last date and time for submitting the Bids** : The sealed Bids should be deposited in the Box placed at main gate of the School by the due date and time. The responsibility to ensure this lies with the Bidder.

3. **Manner of Depositing the Bids (Two envelope Single Bid).** Bids should be submitted in two envelopes marked as Technical bid and Financial Bid and should be submitted by the due date and time. **Late tenders will not be considered.** No responsibility will be taken for delay for non-receipt of Bid documents. **Successful bidders in technical bid will be screened for the financial bid.**

(a) **Cover-I.** The photocopies of following documents will be enclosed in "Cover-I prior to bid submission closing:-

- (i) Copy of GST Registration certificate and PAN card (Self attested).
- (ii) Copy of Firm Registration in Govt. /Semi Govt/ MSME
- (iii) Copy of Aadhar Card (Self attested)
- (iv) Copy of Bank details (Self attested).
- (v) Copy of Tender conditions acceptance letter from the bidder.
- (vi) Experience certificate of successfully undertaking repair/ related contracts of three years. (Self attested).

(b) **Cover-II.** Commercial bid in the form of "BOQ" (Bill of Quantities) which will be submitted as financial bid.

4. **Time and Date for Opening of Bids.** If due to any exigency, the due date for opening of the Bids is Declared a closed holiday, the Bids will be opened on the next Working day at the same time or on any other day/time, as Intimated by the Buyer.

5. **Location of the Tender Procurement Committee** : Army Public School, Sunjuwan

6. **Place of Opening of the Bids** : Army Public School, Sunjuwan

The Bidders may depute their representatives, duly authorised in writing, to attend the opening of Bids on the due date and time. Rates and important commercial / technical clauses quoted by all Bidders will be read out in the presence of the representatives of all the Bidders.

7. **Two Bid System:-**

(a) **Cover-I.** The qualifying bid documents will be photocopied and submitted. The documents should be signed by the owner of the firms or any person authorized by him to do so. No document will be accepted unless it is signed in manner as mentioned.

(b) **Cover-II**. The Commercial Bid (BOQ) should be submitted by the bidder duly signed by the legal owner of the firm or the person authorized by him to do so.

8. **Forwarding of Bids**. Bidders should submit details like Registration of Firm/Company/MSME /Agency, GST registration No, VAT/CST number, Bank detail, etc and complete postal & e-mail address of their office.

9. **Clarification Regarding Contents of the RFP**. Any clarification regarding the content of bidding documents shall be clarified during visit of working site in the APS Sunjuwan.

10. **Modification and Withdrawal of Bids**. A bidder may modify or withdraw his bid after submission provided that the written notice of modification or withdrawal is received by the Buyer prior to deadline prescribed for submission of bids. A withdrawal notice should not be later than the deadline for submission of bids. No bid shall be modified after the deadline for submission of bids. No bid may be withdrawn in the interval between the deadline for submission of bids and expiration of the period of bid validity specified. Withdrawal of a bid during this period will result in Bidder's forfeiture of bid security.

11. **Clarification Regarding Contents of the Bids**. During evaluation and comparison of bids, the Buyer may, at its discretion, ask the bidder for clarification of his bid. The request for clarification will be given in writing email and no change in prices or substance of the bid will be sought, offered or permitted. No post-bid clarification on the initiative of the bidder will be entertained.

12. **Rejection of Bids**. Conditional tender/bid will not be accepted and will be rejected.

13. **Validity of Bids**. The Bids should remain valid till **60 days** from the last date of submission of the Bids.

14. **Earnest Money Deposit**. Bidders are required to submit Earnest Money Deposit (EMD) of Rs 60,000/- in the name of Principal, APS Sunjuwan along with their technical bid/ submit MSME Cert only. The EMD should be submitted in the form of Fixed Deposit Receipt (FDR), Call Deposit Receipt (CDR) or cheque from any of the public sector banks or a private sector bank authorized to conduct government business.

15. **Technical Bid received without EMD / MSME Cert will be rejected.**

PART II - ESSENTIAL DETAILS OF WORK REQUIRED

1. **Schedule of Requirements.** The tender shall provide the following work in Army Public School Sunjuwan for the FY 2024-25:-

Ser No	Name	Qty	Requirement
(a)	Construction of 10M Shooting Hall With G.I Colour coated profile sheet Roofing at Army Public School at Sunjuwan, Jammu. Total Covered Area - 1360 Sq.Ft (approx.) Steel structure shed - 1600 sq ft (approx.) Size of hall - 50x20 ft inside dimension Size of Entrance - 10x8 ft Top Height of Building - 14.5 ft. Plinth Height - 1.5 ft.	01	New Construction work with composite structure (RCC structure & Load Baring structure)

Specification for Construction Method of MP Hall Buildings

Type of foundation: - As per structural design based on soil investigation.

Type of Super Structure: - R.C.C framed construction with filler walls with brick Work or load bearing construction in brick/ stone masonry with intermediate Columns as per design.

ROOF :- Steel Structure Trusses along with G. I pre coated profile color sheet.

Brick work: The construction of brick units bonded together with mortar is termed as brick masonry. The strength of brick work depends upon the type of mortar used. It is widely employed in the construction of building components such as walls, partitions, footings, stairs, columns, floors, arches, etc. as per tender drawing.

Reinforcement Cement Concrete (R.C.C.): R.C.C. is one in which the concrete and reinforcing metal, usually steel, are so combined as to act together as one material and to produce a more economical material than either acting alone as per tender drawing.

Doors & Windows:-

Frames

Window - Anodized / Powder coated Aluminium section frames 12 gudge thickness. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, snap beading for glazing / paneling, C.P. brass / stainless steel, screws, all complete as per architectural drawings

Door - Anodized / Powder coated Aluminium section frames 12 gudge thickness. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, snap beading for glazing / paneling, C.P. brass / stainless steel, screws, all complete as per architectural drawings

Shutters

Window - Anodized / Powder coated Aluminium section frames 12 gudge thickness. Shutters may also be provided at the discretion of APS Engineer/ Scratch proof aluminium window. Shutters to match with frames.

Main Door - Anodized / Powder coated Aluminium section frames 12 gudge thickness, paneling of pre-laminated particle board, one side decorative other side balancing.

Flooring:-

Simple cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete. 40 mm thick with 20 mm nominal size stone aggregate with 40x 4 mm glass strips in joints of cement concrete floors.

Finishing:-

Internal:- All walls to be treated with the 1 mm thick cement putty followed with a coat of acrylic/ oil bound distemper except ceiling which will be done with white wash. Synthetic enamel paint on all wood work and steel work.

External:- All external wall will be done Acrylic Smooth exterior paint / water proofing cement paints

Roof:-

Trusses & Purlin;- Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position; and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.

MS Plate, connecting plate, mild steel round holding down bolts with nuts and washer plates including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete

Sheet :- Precoated galvanised iron profile sheets, 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm The sheet shall be fixed using self-drilling /self-tapping screws of size (5.5x 55 mm) with EPDM seal, complete

Electrical work:- Electrification work i.e Point wiring for light, fan, Exhaust fan including PowerPoint fixture and accessories as per actual requirement at site.

(All Structure Design, Drawing, Technical data and materials make list shall be provided after finalized of lowest bidder)

1. **Site visit of Bidder.** Any query of bidder is requested to visit at site Army Public School, Sunjuwan. All clarification required on the subject services should be clarified prior or during visited of site.
2. It may be noted that compliance statement is to be submitted in addition to technical bid. The technical bid should contain full technical specifications along with necessary documentary proof etc whereas compliance statement is an additional document specifically confirming compliance to each specification.
3. **Delivery Period.** Work to be completed within **08 weeks (2.0 month)** from date of acceptance. Please note that supply order can be cancelled unilaterally by the Buyer (APS) in case services mentioned at Para 1 of Part-II are not received within the contracted delivery period. Extension of contracted delivery period will be at the sole discretion of the Buyer, with applicability of LD clause.
4. **Quality of manpower.** The contractor shall deploy only such workers as are physically and mentally fit.
5. **Transportation.** The responsibility for transporting the staff to APS Sunjuwan rests with the contractor only.
6. **Consignee Details.** Army Public School, Sunjuwan.

PART III - STANDARD CONDITIONS OF RFP

THE BIDDER IS REQUIRED TO GIVE CONFIRMATION OF THEIR ACCEPTANCE OF THE STANDARD CONDITIONS OF THE REQUEST FOR PROPOSAL MENTIONED BELOW WHICH WILL AUTOMATICALLY BE CONSIDERED AS PART OF THE CONTRACT CONCLUDED WITH THE SUCCESSFUL BIDDER

1. **Law.** The Contract shall be considered and made in accordance with the laws of the Republic of India. The contract shall be governed by and interpreted in accordance with the laws of the Republic of India.
2. **Effective Date of the Contract.** Normally the contract shall come into effect on the date of signing of agreement by both the parties on the contract except when some other effective date is mutually agreed to and specifically indicated/provided in the contract. The deliveries and supplies and performance of the services shall commence from the effective date of the contract.
3. **Arbitration.** All disputes or differences arising out of or in connection with the Contract shall be settled by bilateral discussions. Any dispute, disagreement or question arising out of or relating to the Contract or relating to construction or performance, which cannot be settled amicably, may be resolved through arbitration. **Arbitrator will be appointed by APS and hearing of the dispute or arbitration proceedings will be held at Army Public School Sunjuwan.**
4. **Access to Books of Accounts.** In case it is found to the satisfaction of the Buyer that the Seller has engaged an agent or paid commission or influenced any person to obtain the contract as described in clauses relating to Agents/Agency Commission and penalty for use of undue influence, the Seller, on a specific request of the Buyer, shall provide necessary information/ inspection of the relevant financial documents/information.
5. **Non-disclosure of Contract documents.** Except with the written consent of the Buyer/ Seller, other party shall not disclose the contract or any provision, specification, plan, design, pattern, sample or information thereof to any third party.
6. **Liquidated Damages.** In the event of the Seller's failure to submit the Bonds, Guarantees and Documents, supply the stores/goods and conduct trials, provision of services mentioned at Para 2 (a to j) of Part II, training, etc as specified in this contract, the Buyer may, at his discretion, withhold any payment until the completion of the contract. The BUYER may also deduct from the SELLER as agreed, liquidated damages to the sum of 10% of the contract price of the delayed/undelivered stores/services.
7. **Notices.** Any notice required or permitted by the contract shall be written in the English language and may be delivered personally or may be sent email or registered pre-paid mail/airmail, addressed to the last known address of the party to whom it is sent.
8. **Transfer and Sub-letting.** The Seller has no right to give, bargain, sell, assign or sublet or otherwise dispose of the Contract or any part thereof, as well as to give or to let a third party take benefit or advantage of the present Contract or any part thereof.
9. **Amendments.** No provision of present Contract shall be changed or modified in any way (including this provision) either in whole or in part except by an instrument in writing made after the date of this Contract and signed on behalf of both the parties and which expressly states to amend the present Contract.

PART IV - SPECIAL CONDITIONS OF RFP

The Bidder is required to give confirmation of their acceptance of Special Conditions of the RFP mentioned below which will automatically be considered as part of the Contract concluded with the successful Bidder (i.e. Seller in the Contract) as selected by the Buyer. Failure to do so may result in rejection of Bid submitted by the Bidder.

Note:-

1. Acceptance of tender enquiry is essentially required to be submitted prior to the commencement of TEC for approval. In the absence of the acceptance of tender enquiry, the tender will be rejected.

2. The detailed scope of work is given at Annexure I to this tender document. The following will be ensured:-

(a) Acceptance of tender enquiry will be based on Tenders will be given for item/items exactly as per the nomenclature in this NIT, mentioning the Make, Model, Regd No etc. However, L1 will be identified on total comprehensive cost of scope of work.

(b) Date of the contract completion is 08 **weeks (2.0 month)** from date of acceptance.

(c) Rates quoted will be inclusive of GST cost of material, labor, supply, fixing and any other tasks.

(d) Contractor will employ suitable supervisor/ skilled manpower to ensure work is executed as per standard engineering practices and is of good quality. Any poor quality of work executed by the labourer/labourers will be removed and reconstructed/refixed at the risk and cost of the contractor. The decision of Principal, Army School or his rep in this regard will be final and binding.

(e) Any damage to the existing structures, any existing road etc during the execution of work shall be made good by the contractor at his own expense. Rectification, replacement, making good and touching up etc. shall be carried out, conforming to the materials and workmanship originally provided and to the satisfaction of the Principal, Army School or his rep. In case of any dispute on this account the decision of the Principal, Army School or his rep shall be final, binding and conclusive.

(f) Details missing, if any, will be assumed to be provided by the Vendor as per good engineering practice. All material required for the construction work shall be new and comply with relevant bureau of IS specification and should be of the company as specified. Execution will be carried out as per IS provision/standard engineering practices.

(g) All items will be as per latest IS specifications. All the major components of material shall be procured from the IS approved sources and certificate to this effect shall be given by manufacturer. All IS standards are subject to revision and the most recent editions of the standards shall be applicable. All best practices and standard engineering practices as per codal provisions will be adhered during execution of the works to ensure quality. Contractor is responsible to ensure that all works are completed as per time lines by executing concurrently.

(h) All samples/Makes will be approved **by Principal, Army Public School** or his rep prior to supply/fixing of stores. No bulk supply will be permissible without Sample Approval. All stores should be supplied as per contract and given brand after sample approved, any variation will be rejected and vendor to replace it within one week in contract period.

(j) **Schedule of work to be executed at site is Part of Annexure-I, with Tender Documents.**

3. The Defect Liability Period for this work shall be **twelve (12)** Calendar Months from the certified date of final completion of the work by Principal, Army Public School or his rep.
4. **Performance Guarantee**. The selected firm has to furnish performance security in the form of Bank Guarantee/DD for an amount equal to 5% of total value of the contract valid for fourteen months from the date of award of the contract. The Performance security shall be submitted within 10 days from the date of Notification of Award. The earnest money shall be adjusted towards performance security. Validity of PBG should be 14 Months after completion of work.
5. **Paying Authority**. Army Public School, Sunjuwan.
7. **Forfeiture of PBG**. In case, the contractor fails to provide the Construction of Indoor Shooting Hall on allotment of contract or discontinues the work without confirmation and permission from the consignee (Army Public School, Sunjuwan), PBG will not be released back to the contractor and PBG amount will be deducted as penalty for non-continuation of contract agreement.

PART- V: EVALUATION CRITERIA & PRICE BID ISSUES

1. **Evaluation Criteria** - The broad guidelines for evaluation of Bids will be as follows:-

(a) Only those Bids will be evaluated which are found to be fulfilling all the eligibility and qualifying requirements of the RFP, both technically and commercially.

(b) In respect of Two-Bid system, the technical Bids forwarded by the Bidders will be evaluated by the Buyer with reference to the technical characteristics of the work to be done as mentioned in the RFP. The compliance of Technical Bids would be determined on the basis of the parameters specified in the RFP. The Price Bids of only those Bidders will be opened whose Technical Bids would clear the technical evaluation.

(c) The Lowest Bid will be decided upon the lowest price quoted by the particular Bidder based on overall value of contractor as per the Bid Format given at **Para 2 below**. The consideration of taxes and duties in evaluation process will be as follows:-

(d) The Bidders are required to spell out the rates of Customs duty, GST, Service Tax etc in unambiguous terms; otherwise their offers will be loaded with the maximum rates of duties and taxes for the purpose of comparison of prices. If reimbursement of Customs duty / GST is intended as extra, over the quoted prices, the Bidder must specifically say so. In the absence of any such stipulation it will be presumed that the prices quoted are firm and final and no claim on account of such duties will be entertained after the opening of tenders. If a Bidder chooses to quote a price **inclusive** of any duty and does not confirm inclusive of such duty so included is firm and final, he should clearly indicate the rate of such duty.

(e) If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price will prevail and the total price will be corrected. If there is a discrepancy between words and figures, the amount in words will prevail for calculation of price.

(f) The Lowest Acceptable Bid will be considered further for placement of contract / Supply Order after complete clarification and price negotiations as decided by the Buyer. The Buyer will have the right to award contracts to different Bidders for being lowest in particular items.

(g) Any other criteria as applicable to suit a particular case.

Bid Format. The Bid Format is at Annexure-I.

Note :- Determination of L-1 will be done based on Total prices (including levies, taxes and duties levied by Central/State, Local governments such as GST, Service tax, transportation tax, etc. on final work of all items/requirement as mentioned above.

10
PART-VI

(Contains Vendor's Verification Format)

The vendors are required to submit the form duly filled along with all supporting documents (in original/duly attested authorized notary) during submission of bids.

1. FIRM PARTICULARS

(a) Name of Individual/Firm/Company :

(b) **Tendered For** : _____

(c) **Category** :

(d) Address: Head Office :

Telephone No _____ Fax No _____ Mobile No _____ Email Address _____

(e) Branch Office Address :

Telephone No _____ Fax No _____ Mobile No _____ Email Address _____

2. Details of firm:-

(a) Nature of business undertaken by firm.

(b) Has your company executed construction contracts.

(c) **COMMERCIAL INFORMATION**

(i) PERMANENT ACCOUNT NO :

(ii) GST REGN NUMBER :

(iii) TIN NUMBER :

(d) The following information of Bank Account of the Company, duly endorsed by the Bank (required for Electronic Fund Transfer –NEFT/RTGS) is to be submitted.

(i) Name of the Company/Firm

(ii) Name of Bank

(iii) Name of Bank Branch

(iv) City/Place

(v) Account Number

(vi) Account type

(vii) IFSC code of the Bank Branch

(viii) MICR Code of the Bank Branch

(ix) Details of other Bankers (for reference purpose only)

IT IS CERTIFIED THAT THE ABOVE INFORMATION FURNISHED IS TRUE TO THE BEST OF MY KNOWLEDGE.

NAME OF THE AUTHORIZED SIGNATORY

SIGNATURE DATE:

(Signature of authority for Seller)

**INVITATION FOR TENDER CONSTRUCTION OF 10M SHOOTING HALL WITH
G.I COLOUR COATED PROFILE SHEET ROOFING AT
ARMY PUBLIC SCHOOL, SUNJUWAN (JAMMU)**

Ser No	Description	Specification/ Scope of work	Area / Qty	Remark
1.	Constructed Area	Total Covered Area - 1360 Sq.Ft (approx.) Steel structure shed - 1600 sq ft (approx.) Size of hall - 50x20 ft inside dimension Size of Entrance - 10 x8 ft Top Height of Building - 14.5 ft. Plinth Height - 1.5 ft.	1000 Sq Ft	
2.	Type of foundation	Isolated Footing of RCC column and Spread footing of Load bearing Brick Wall as per structural design based on soil investigation	-	
3.	Type of Super Structure:	R.C.C framed construction with filler walls with brick Work or load bearing construction in brick/ stone masonry with intermediate Columns as per design. ➤ Size of RCC Footing = 1200x1200x 300 mm (10 Nos.) ➤ Size of RCC Column = 230x230 mm ((10 Nos.) ➤ Thickness of Plinth Beam = 250 mm ➤ Thickness of Brick wall = 230 mm (10 feet Height) ➤ Foundation up to plinth - 4 feet depth	-	
4.	Land Development	Surface dressing of the ground including removing vegetation and in equalities not exceeding 15 cm deep and disposal of rubbish.	1500 Sq Ft	
5.	Earth work	Earth work in excavation in foundation trenches, including dressing of sides and ramming of bottoms.	55 cum	
6.	Filling of Soil	Supplying and filling of local earth including ramming and watering up to plinth level.	45 cum	
7.	Bed Concrete plinth level	Providing and laying in position cement concrete - All work up to plinth level: 1:4:8 (1 Cement: 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	27 cum	
8.	Plinth Protection surrounding area of building (700 mm wide)	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) over 75mm thick bed of dry brick ballast 40 mm nominal size, including dressing & finishing the top smooth.	45 Sqm	
9.	RCC work as per design, Footing, Column, Plinth, Lintel and Top Beam etc.	Reinforced cement concrete work in Column, plinth beams, lintels, bands, including plinth level up to floor five level, with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size)	14 cum	
10.	Centering and shuttering	Centering and shuttering including strutting, propping etc. and removal of form for : Foundations, footings, bases of columns, Lintels, beams, plinth beams, etc.	146 Sqm	

11.	Steel reinforcement for R.C.C. work Column, Plinth & Lintel Beam	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. RCC Column @ 150 kg/ cum RCC Plinth & Lintel Beam @ 200 kg/ cum	2700 Kg	
11	Brick work up to plinth Level	Brick work with common burnt clay F.P.S. bricks of class designation 7.5 in foundation level: Cement mortar 1:6 (1 cement : 6 coarse sand)	27.5 cum	
12	Brick work in super structure (9" wall)	Brick work with common burnt clay F.P.S. bricks of class designation 7.5 in superstructure above plinth level: Cement mortar 1:6 (1 cement : 6 coarse sand) (height 9 feet above plinth including washrooms)	42.0 cum	
13	Cement Plaster (both side of wall)	15 mm cement plaster of mix : 1:6 (1 cement: 6 coarse sand)	346 Sqm	
14	Steel Structure Work, Trusses, Purline Tie Beam etc.	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. : Hot finished welded type tubes a) Trusses :- Fabrications of the main Truss 100x50x4mm tube section, and Tie and Web members shall be built up 50x50x4mm tube section. Length of Truss (b) Main Supporting Beam:- Fabrications of the main Supporting Beam, Horizontal & Vertical members shall be built up 80x50x3mm tube section, and Tie and cross 50x50x3mm members shall be fixed 60 cm at an equal distance. c) Purline and TIE Member:- All Purline and Tie Member shall be built up 80x40x4mm. Purline space shall be arranged 1.0 mtr at an equal distance.	4890 Kg	
15	MS Plate	Providing and fixing MS Plate, connecting plate, mild steel round holding down bolts with nuts and washer plates including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	130 Kg	
16	Roof (GI Colour coated profile sheet)	Providing and fixing pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by APS) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer. Sheet should have protective guard film of 25 microns minimum. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, and including cutting to size and shape wherever required.	144 Sqm	
17	Plan Sheet	Providing and fixing pre-coated galvanised steel Plane sheet covering 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 :	36 Sqm	

18	Wall Putty	Providing and applying white cement-based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	130 Sqm	
19	Internal wall Painting	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade : New work (two or more coats) over and including priming coat with cement primer	140 Sqm	
20	External Wall Painting	Finishing walls with Acrylic Smooth exterior paint of required shade for painting of exterior walls : New work (Two or more coat applied including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	156 Sqm	
21	Synthetic Enamel Paint	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	136 Sqm	
22	Door & windows	Supply and fixing aluminium work and partitions/ doors with extruded built up standard tubular sections-with various size 80mm/60mm/ 40mm and thickness 2.8-3 mm. Anodised aluminium/ Powder coated aluminium (minimum thickness of powder coating 50 micron) and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides at EPDM rubber/ neoprene gasket etc. Providing fixing in bottom portion 12 mm thick pre laminated particle board/ PVC sheet/ flat pressed three layer or graded wood particle board conforming to IS:glazing / paneling, C.P. brass / stainless steel screws, and fixing float glass panes of 5 mm thickness glazing in aluminium partation, door shutters etc. with EPDM rubber / neoprene gasket etc. complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling, hardware, hinges, and dash fasteners is including of these item) I Doors - 1 nos II Windows - 7 nos	Complete job work.	
23	Flooring	50 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer 12mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate, 6mm nominal size) by volume, hardening compound mixed @ 2 litre per 50 kg of cement or as per manufacture's specifications. Providing and fixing glass strips in joints of terrazo/ cement concrete 40 mm wide and 4 mm thick (2x2 mtr grid)	130 Sqm	

24	False Ceiling	<p>Providing and fixing 12.5 mm thick tapered edge gypsum plain board false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with :</p>	130 Sqm	
25	Electrical Work as per requirement.	<p>(a) <u>Wiring for light point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in PVC conduit, with modular type switch, phenolic laminated sheet, suitable size G.I. box and earthing the point with 2.5 sq.mm.etc as required.- 12 Nos.</u></p> <p>(b) Modular type switch & socket 5/6 Amp compatible-4 Nos</p> <p>(c) Modular type switch & socket 15/16 Amp compatible-2Nos</p> <p>(d) Supply and drawing following sizes of FR PVC insulated copper conductor, single core cable PVC conduit as required. 2 x 1.5 sq.mm + 1 x 1.5 sq. mm earth wire 2 x 2.5 sq.mm + 1 x 2.5 sq. mm earth wire</p> <p>(e) PVC conduit along with accessories in surface/recess including of recessed conduit as required. 20 mm (2mm thick)</p> <p>(f) Metal box of following sizes (nominal size) on surface phenolic laminated sheet cover in front including painting etc as required. 200 mm X 150 mm X 60 mm deep</p> <p>(g) Exhaust fan heavy duty 300 mm sweep with louvers complete fitting-1 Nos.</p>	Complete job work.	

		<p>(h) 450 mm wall mount fan with complete fitting- 4 Nos.</p> <p>(j) False-ceiling light 36 watt and fitting. Special Features I.e Energy Efficient, - 10 Nos.</p> <p>(k) Supplying and fixing single pole and neutral, sheet steel, MCB distribution board, 240 volts, on complete interconnections, including earthing etc. (2 + 4 way way single door)</p> <p>(l) Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the including MCB DB complete with connections, testing and commissioning etc. as required.</p> <p>(i) Single pole - 4 Nos.</p> <p>(ii) Single pole & Neutral - 2 Nos</p> <p>(iii) Double pole - 2 Nos.</p>		
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SCOPE OF WORK: New Construction work

Type of Super Structure:- R.C.C framed structure construction with RCC Foundation, Column, Beam and Slab, and brick masonry parapet or load bearing construction in brick with intermediate Columns as per design. **Grade of Concrete M20, Architectural / structural Drawing, Technical data and materials make list shall be provided before award of work**, Size of building (68'-0" x 34'-0") Top Height-24 feet above Ground Level & depth of foundation below ground level 4 feet.

- Contractors are advised to avoid the conditional rebate on their Quoted rates.
- Contractors shall be quoted above rates inclusive of all Taxes, Labour Cess, transportation charges & GST or additional head load etc.
- If any tax is shown separately, the tender will be rejected.
- Steel /GI colour coated Sheet as approved (TATA, SAIL, RINL, and JINDAL make) by the Ministry of Steel for steel structure work shall be used.
- Cement 43 grade as approved (ACC, Ambuja, Birla, Ultratech etc.) by the Ministry of Industry, Government of India for civil works shall be used.
- The contractor will have to use only Asian paints or Nerolac brand for enamel painting work.
- This project work is turnkey basis, during construction if any extra work or additional quantity could be executed if required, No additional payment shall be made.
- All Structure and construction work will be the responsibility of the contractor. The Bidder shall be covered on his risk and cost, if the structure fails.

"The work shall be carried out strictly according to lasted CPWD Specifications and in confirmation to I.E rules."

Signature of Contractor