

ARMY PUBLIC SCHOOL SUNJUWAN
PO-SANIK COLONY (JAMMU) – 180011
 (Website:www.apssunjuwan.com)
 E-mail id: apssunjuwan@gmail.com Phone No-9796179646

INVITATION FOR TENDER CONSTRUCTION OF PROPOSED MULTIPURPOSE HALL IN
ARMY PUBLIC SCHOOL AT 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 : Principal, Army Public School,
Personnel Sunjuwan
- (d) Telephone number of School for contact : 9796179646
- (e) E-mail ID of School : apssunjuwan@gmail.com

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.

2. **Proof of Similar Work's Already Undertaken.** The Vendor should have three-year 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.

3. **Last Date and Time for Submitting The Bids.** The sealed Bids should be deposited in the Box placed at 'B' gate of the School by the due date and time. The responsibility to ensure this lies with the Bidder.

4. **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 authorized in writing, to attend the opening of Bids on the due date. 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 photocopies 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 and stamped 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. **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.

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

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

13. **Earnest Money Deposit.** Bidders are required to submit Earnest Money Deposit (EMD) of Rs 1,12,500/- 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 authorised to conduct government business.

14. **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 2023-24:-

Ser No	Name	Qty	Requirement
(a)	Construction of Multipurpose Hall at Army Public School at Sunjuwan, Jammu. Size of building (68'-0" x 34'-0") Top Height – 24.	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 ;- Pre coated 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 Power Point 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)

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 visit 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 where as compliance statement is an additional document specifically confirming compliance to each specification.

3. **Delivery Period.** Work to be completed within **12 weeks (3.0 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 off 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 **12 weeks (3.0 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 in 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 Presiding Officer of the Project, Army School or his rep. In case of any dispute on this account the decision of the Presiding Officer of the Project, 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 affect 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 Presiding Officer of the Project, 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 **Presiding Officer of the Project**.

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.

6. **Forfeiture of PBG**. In case, the contractor fails to provide the Construction of MP 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 include disfirm 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.
2. **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.

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. FIRMPARTICULARS

- (a) Name of Individual/Firm/Company : _____
 (b) **TenderedFor** : _____
 (c) **Category** : _____
 (d) Address :Head Office : _____

Telephone No : _____ Fax No : _____

Mobile No : _____ E mail Address : _____

- (e) Branch Office Address : _____

Telephone No : _____ Fax No : _____

Mobile No : _____ E mail 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

SIGNATUREDATE : (Signature of authority for Seller)

**INVITATION FOR TENDER CONSTRUCTION OF PROPOSED MULTI PURPOSE HALL
IN ARMY PUBLIC SCHOOL AT SUNJUWAN (JAMMU)**

Ser No	Description	Qty	Remarks
A	Civil Work		
1.	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish.	400.0 Sqm	
2.	Earth work in excavation by mechanical or manual in foundation trenches, including dressing of sides and ramming of bottoms, including getting out the excavated soil and disposal of surplus excavated soil as directed,	56.0 Cum	
3.	Excavating, supplying and filling of local earth by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete.	110.0 Cum	
4.	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:4:8 (1 Cement: 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size).	28.0 Cum	
5.	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand (zone-III) : 6 graded stone aggregate 20 mm nominal size) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, leveling& dressing & finishing the top smooth.	48.0 Sqm	
6.	Reinforced cement concrete work in beams, suspended floors, roofs lintels, bands, and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size)	24.6 Cum	
7.	Centering and shuttering including strutting, propping etc. and removal of form for : Foundations, footings, bases of columns, Suspended floors, roofs, Lintels, beams, plinth beams, and cantilever.	210.0 Sqm	
8.	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. Column @ 150 kg/ cum. Beam @ 250 kg/ cum.	2695.0 kg	
9.	Brick work with common burnt clay F.P.S. bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand).	34.4 Cum	
10.	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).	62.8 Cum	
11.	12 mm cement plaster of mix : 1:6 (1 cement: 6 coarse sand).	688.0 Sqm	

12.	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.	3597.0 kg	
13.	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.	270.0 kg	
14.	Providing and fixing pre coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 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 on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineerin-charge. 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, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	344.0 Sqm	
15.	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.	48.0 Sqm	
16.	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.	332.0 Sqm	
17.	Distempering 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.	332.0 Sqm	
18.	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)	356.0 sqm	
19.	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work.	54.0 sqm	
20.	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.	222.0 Sqm	
21.	Providing and fixing glass strips in joints of terrazzo / cement concrete floors. 40 mm wide and 4 mm thick.	89.0 Mtr.	
22.	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard	195.0 kg	

	tubular sections/ appropriate Z sections 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 with required EPDM rubber/ neoprene gasket etc. Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For fixed portion, Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15.)		
23.	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15).	205.0 kg	
24.	Providing and fixing Pre -laminated medium density fiber board exterior grade (Grade-I) IS:14587:1998 marked, to frame, backing or studding with screws etc. complete (Frames, backing or studding to be paid separately). Pre-laminated with decorative lamination on both side exterior Grade - I MDF Board 12 mm thick confirming to IS:14587.	6.0 Sqm	
25.	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item): With single glass panes of 5.50 mm thickness.	24.6 Nos	
26.	Providing and fixing aluminium sliding door bolts, ISI marked anodised anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete : 300x16 mm.	3.0 Nos	
27.	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 200 x 10 mm.	48.0 Nos	
28.	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 150 mm.	36.0 Nos	
29.	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete. Twin rubber stopper.	6.0 Nos	
B	Electrical Work		
1.	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular type switch, phenolic laminated sheet, suitable size G.I. box and earthing the point with 1.5 sq.mm.	32.0 Nos.	

	FR PVC insulated copper conductor single core cable etc as required. Group C		
2.	Wiring in existing conduit: Supply and drawing following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed steel/ PVC conduit as required. (a) 2 x 1.5 sq.mm + 1 x 1.5 sq. mm earth wire (b) 2 x 2.5 sq.mm + 1 x 2.5 sq. mm earth wire	150.0 Mtr. 110.0 Mtr.	
3.	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required. (a) 20 mm (2mm thick) (b) 25 mm (2mm thick)	150.0 Mtr. 130.0 Mtr.	
4.	Supplying and fixing metal box of following sizes (nominal size)on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc as required. 200 mm X 150 mm X 60 mm deep	8.0 Nos.	
5.	Supplying and fixing following Piano type switch/ socket on the existing Switch box/ cover including connections etc. as required. (a) 5/6 amps switch (b) 15/16 amps switch © 3 pin 5/6 amps socket outlet (d) 6 pin15/16 amps socket outlet	8.0 Nos. 8.0 Nos. 8.0 Nos. 8.0 Nos.	
6.	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din 33.bar, interconnections, powder painted including earthing etc.as required. (But without MCB/RCCB/Isolator). (a) 2 + 4 way / 6 way Double door (b) 2 + 6 way / 8 way Double door	2.0 Nos. 2.0 Nos	
7.	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 existing MCB DB complete with connections, testing and commissioning etc. as required. (a) Single pole (b) Single pole and neutral (c) Double pole	8.0 Nos. 6.0 Nos. 3.0 Nos.	

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 work 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.

LIST OF APPROVED MAKES (CIVIL WORKS)

Ser No	Materials	Approved Make / Manufactures
1	Adhesive solvent cement	Pedilite, Sikka, Fosroc, CICO,
2	Aluminum Building Hardware	IPSA, Everite, EBCO, ECIE, Hardwin Traders
3	Angle Iron	TATA, SAIL, RINL, Jindal
4	Anodised Aluminium section	Jindal, Hindalco,
5	Cement	ACC, Ambuja, Birla, Bangur L&T, Ultra-Tech. Shree-Ultra,
6	Cement Primer	Asian, Nerolac, Dulux
7	Epoxy Paint	Asian, Nerolac, Dulux
8	G. I Sheet	TATA, RINL, Jindal, SAIL
9	G. I. Pipe	Jindal, Prakash surya, TATA
10	Glass, Mirror (Float/ Sheet)	Modiguard, Saint Gobian, TATA Continantal
11	GM/ Forged Brass Ball Valves	Zoloto, DRP, Sant / Leader
12	Gunmetal valves	Leader
13	Hydraulic door closer	Everest, Godrej
14	M. S. pipe	TATA, SAIL, RINL, Jindal
15	Mild steel Bar / TMT bar	SAIL, TATA, RINL, Jindal
16	Oil bound distemper paint	Asian, Nerolac, Dulux
17	Plastic Emulsion Paint	Asian, Nerolac, Dulex
18	Polymer Sealent for expansion Joint	SIKA, CICO, Pidilite, G.E. Silicon.
19	Pre-Coated iron Galvanized profile sheet and accessories	Lioydeck, Trackdeck, Multiclad, TATA Blue scope
20	Pre-laminated particle board	Kitlam, Durolam, Anchor, Durian, Novappan
21	Sealant and Additives	Asian Paints, Fosroc, Pidilite
22	Stainless Steel Sink	Nilkanth, Nirali, Jayna, Crysil
23	Synthetic enamel paint/ primer	Asian, Nerolac, Dulux
24	Textured exterior paint	Asian, Nerolac, Dulux
25	Varnish	Asian, Nerolac, Dulux
26	Wall Putty	JK Wall Putty, Birla Putty
27	Water Proofing Compound	FOSROC, SIKA, CICO
28	Water proofing paint/ Snowcem	Snowcem-plus, Nerolac
29	White Cement	ACC, Birla, JKBirla, Ultra-Tech

LIST OF APPROVED MAKES (ELECTRICALS WORKS)

Ser No	Materials	Approved Make / Manufactures
1.	Flexible Copper wires	Finolex/Havell's/Polycab wires/Shalimar (FR)
2.	Switch & Sockets	Legrand/Anchor/Havells ABB
3.	Distribution board	Legrand/Hager/Havell's
4.	MCCB, MCB, RCCB	Legrand/Hager/Havell's/L&T.
5.	Casing caping/Conduit	Berlia/Polypack/Pestoplast/Richa/Setia (2 mm)
6.	Exhaust fan	Bajaj/ Crompton Greaves/ Havells/ Usha/Orient
7.	Lighting fixture	Phillips/ Bajaj/ Crompton/Havells/Wipro
8.	Ceiling fan	Bajaj/ Crompton Greaves/ Havells/ Usha/Orient
9.	BUS BARS / Panels	CPRI Approved
10.	Cables	Armoured/Havells/Polycab/(ISI Approved)

Note :-

1. **Choice of selection materials to be used in work out of the approved list shall remain with School management.**
2. **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.**
3. **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.**
4. **The work shall be carried out strictly according to lasted CPWD Specification and in confirmation to I. E. rules.**

Signature of Contractor