

BIDDING DOCUMENTS
FOR
CONSTRUCTION OF BOYS CAMPUS (G+1)
AT
NRTC PUBLIC SCHOOL, HARIPUR

NATIONAL RADIO TELECOMMUNICAITON CORPORATION
HARIPUR KPK PAKISTAN

TABLE OF CONTENTS

DESCRIPTION

INVITATION FOR BIDS

INSTRUCTIONS TO BIDDERS

1. General
 - a. Scope of Bid
2. Eligible Bidders
3. Cost of Bidding
4. Site Visit
5. Bidding Documents
 - a. Contents of Bidding Documents
 - b. Clarification of Bidding Documents
 - c. Amendment of Bidding Documents
 - d. Preparation of bids
 - (1). Language of Bid
 - (2). Documents Accompanying the Bid
 - e. Bid Prices
 - f. Bid Validity
 - g. Bid Security
 - h. Format and Signing of Bid
 - i. Submission of Bids
 - (1). Sealing and Marking of Bids
 - (2). Deadline for Submission of Bids
 - j. Late Bids
 - k. Withdrawal of Bids
 - l. Bid Opening and Evaluation
 - (1) Bid Opening
 - m. Process to be Confidential
 - n. Clarification of Bids
 - o. Examination of Bids and Determination of Responsiveness

p Correction of Errors

DESCRIPTION

q Evaluation and Comparison of Bids / evaluation criteria.

r. Award of Contract

- (1) Award
- (2) Employer's Right to Accept any Bid and to Reject any or all Bids
- (3) Notification of Award
- (4) Performance Security
- (5) Signing of Contract Agreement
- (6) General Performance of the Bidders
- (7) Integrity Pact

Bidding Data

By Hand
NRTC Haripur
Tel No. 0995-666801
No. Svcs/Boys Campus /2024
Dated _____ 2024

TENDER FOR WORKS

To: _____

Subject: **CONSTRUCTION OF BOYS CAMPUS (G+1) AT NRTC PUBLIC SCHOOL, HARIPUR**

1. Sealed tender is invited for **CONSTRUCTION OF BOYS CAMPUS (G+1) AT NRTC PUBLIC SCHOOL, HARIPUR**

2. Please submit your rate so as to reach to this Office till opening **dated _____ 2024 at 11:00 hrs.** The quotation will be opened at **11:30 hrs** on the same date in the presence of bidder's representatives who wish to attend at the same address.

The rates submitted will be subject to the conditions of contract along with following special conditions.

- a. The work should be completed in all respect upto **Twelve months** and site should be cleared within **30** days from the date of commencement as fixed by NRTC.

- b. All bids must be accompanied by a Bid Security **Rs 300,000** in the form of pay order, bank draft or cash in favour of NRTC Haripur, KPK should be delivered by hand at NRTC Haripur. Bid security must be accompanied with technical proposal. If bid security is not accompanied with tender document, the contractor will not be eligible for participation in tender.

- c. All the material to be used should be first class. It will be inspected and passed by Technical team NRTC.

- d. Interim (Running Bills) payment will be made as per contract agreement. **RAR's allowed.**

- e. The firm / contractor will be responsible for 01 year after handing over the project for rectification of defect if pointed out during the maintenance period.
 - f. The salvage / old material if any will be the property of NRTC
 - g. Conditions of the contract and Appendices to Bid shall be applicable till completion of the project including defect liability period.
3. NRTC has reserve the rights to accept or reject any or all the tenders as per PPRA Rules.
 4. Contractors are advised in their own interest to visit the site and inspect type of the work required to be done before tendering. It will be deemed that the tenderer has fully acquainted himself with the detailed nature, and extent of work and all other points of business interest which may effects tendering. No claim on account of insufficient knowledge shall be entertained afterward.
 5. In case of any dispute, the decision of the MD NRTC would be final binding and conclusive.
 6. The contractor shall attach all the documents mentioned in tender notice, otherwise tender will not be entertained.
 7. Payment would be made on actual measurements.
 8. No Variation will be considered.

AE (C&M)

II

I agree to execute the subject work on terms and conditions laid down in the preceding paras on lump sum Rs _____.

Station: _____ Contractor _____

Date: _____ Postal Address _____

III

This contract is accepted / approved at market rates on lump sum basis.

Signature and _____
Seal of Contractor

**INVITATION
FOR
BIDS**

INVITATION FOR BIDS

Date: _____

Bid Reference No.: _____

1. The **National Radio Telecommunication Corporation , Hariur KPK**, the “Employer”) has received approval from BODs for implementation of **CONSTRUCTION OF BOYS CAMPUS (G+1) AT NRTC PUBLIC SCHOOL, HARIPUR**
2. The Employer invites sealed bids from eligible firms or persons licensed by the Pakistan Engineering Council in the appropriate category for the Works.
3. Bidders may obtain further information from, inspect at and acquire the Bidding Documents from the Office of the Employer, at **NRTC, Haripur, KPK**.
4. A complete set of Bidding Documents may be purchased by an interested bidder on submission of a written application to the above office and upon payment of a non-refundable fee of Rs. **10,000.00** (Rupees five thousand only).

[Note: the bids shall be opened at least thirty minutes after the deadline for submission of bids]

**INSTRUCTIONS
TO
BIDDERS**

INSTRUCTIONS TO BIDDERS

1. GENERAL

a. Scope of Bid

- (1) The Employer as defined in the Bidding Data hereinafter called “the Employer” wishes to receive bids for the construction and completion of works as described in these Bidding Documents, and summarized in the Bidding Data hereinafter referred to as the “Works”.
- (2) The successful bidder will be expected to complete the Works within the time specified in contract.

2 Eligible Bidders

- (1) Bidder must have valid PEC registration certificate in the relevant category till **31st Dec 2024.**

3 Cost of Bidding

- a The bidders shall bear all costs associated with the preparation and submission of their respective bids and the Employer will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

4 Site Visit

- a. The bidders are advised to visit and examine the Site of Works and its surroundings and obtain for themselves on their own responsibility all information that may be necessary for preparing the bid and entering into a contract for construction of the Works. All cost in this respect shall be at the bidder’s own expense.
- b The bidders and any of their personnel or agents will be granted permission by the Employer to enter upon his premises and lands for the purpose of such inspection, but only upon the express condition that the bidders, their personnel and agents, will release and indemnify the Employer, his personnel and agents from and against all liability in respect thereof and will be responsible for death or personal injury, loss of or damage to property and any other loss, damage, costs and expenses incurred as a result of such inspection.

5. BIDDING DOCUMENTS

a. Contents of Bidding Documents

- (1) The Bidding Documents, in addition to invitation for bids, are those stated below and should be read carefully prior submission of bid.
1. Instructions to Bidders.
 2. Bidding Data.
 3. Conditions of Contract (CC).
 4. Bill of Quantities.
 5. Specifications – Special Provisions.
 6. Specifications - Technical Provisions.
 7. Form of Bid Security.
 8. Drawings.
- } Shall come into effect at the time of entering into the contract.
- (2) The bidders are expected to examine carefully the contents of all the above documents. Failure to comply with the requirements of bid submission will be at the Bidder's own risk. Bids which are not substantially responsive to the requirements of the Bidding Documents will be rejected.

b Clarification of Bidding Documents

- (1) Any prospective bidder requiring any clarification (s) in respect of the Bidding Documents may notify the Employer in writing at the Employer's address indicated in the Invitation for Bids. The Employer will respond to any request for clarification which he receives earlier than 07 days prior to the deadline for submission of bids.

c Amendment of Bidding Documents

- (1) At any time prior to the deadline for submission of bids, the Employer may, for any reason, whether at his own initiative or in response to a clarification requested by a prospective bidder, modify the Bidding Documents by issuing addendum.
- (2) Any addendum thus issued shall be part of the Bidding Documents and shall be communicated in writing to all purchasers of the Bidding Documents. Prospective bidders shall acknowledge receipt of each addendum in writing to the Employer.
- (3) To afford prospective bidders reasonable time in which to take an addendum into account in preparing their bids, the Employer may extend the deadline for submission of bids.

d. PREPARATION OF BIDS

(1). Language of Bid

- (a) The bid and all correspondence and documents related to the bid exchanged by a bidder and the Employer shall be in the bid language stipulated in the Bidding

Data and Particular Conditions of Contract. Supporting documents and printed literature furnished by the bidders may be in any other language provided the same are accompanied by an accurate translation of the relevant parts in the bid language, in which case, for purposes of evaluation of the bid, the translation in bid language shall prevail.

(2) Documents Accompanying the Bid

(a) Each bidder shall:

- (i) submit a written power of attorney authorizing the signatory of the bid to act for and on behalf of the bidder;
- (ii) Update the information indicated and listed in the Bidding Data including the following
 - (1) Evidence of access to financial resources.
 - (2) Work commitments of last 3 years.
- (iii) Furnish a technical proposal taking into account the various Appendices to Bid specially the following:

Appendix-E to Bid	Proposed Construction Schedule
Appendix-F to Bid	Method of Performing the Work
Appendix-G to Bid	List of Major Equipment
Appendix-J to Bid	Organization Chart for Supervisory Staff

and other pertinent information such as mobilization programme etc;

e Bid Prices

- (1) Unless stated otherwise in the Bidding Documents, the Contract shall be for the whole of the Works, based on the BOQ and the prices submitted by the bidder.
- (2) All duties, taxes and other levies payable by the Contractor under the Contract, or for any other cause, as on the date 07 days prior to the deadline for submission of bids shall be included in the rates and prices and the total Bid Price submitted by a bidder.

f Bid Validity

- (1) Bids shall remain valid for the period stipulated in the Bidding Data after the Date of Bid Opening.
- (2) In exceptional circumstances, prior to expiry of the original bid validity period, the Employer may request that the bidders extend the period of

validity for a specified additional period which shall in no case be more than the original bid validity period. The request and the responses thereto shall be made in writing. A bidder agreeing to the request will not be required or permitted to modify his bid, but will be required to extend the validity of his Bid Security for the period of the extension.

g Bid Security

- (1) Each bidder shall furnish, as part of his bid, a Bid Security in the amount stipulated in the Bidding Data in Pak Rupees.
- (2) The Bid Security shall be, at the option of the bidder, in the form of Deposit at Call or a Bank Guarantee issued by a Scheduled Bank in Pakistan in favour of the Employer valid for a period 28 days beyond the Bid Validity date.
- (3) Any bid not accompanied by an acceptable Bid Security shall be rejected by the Employer as non-responsive.
- (4) The bid securities of unsuccessful bidders will be returned as promptly as early as possible.
- (5) The Bid Security of the successful bidder will be returned when the bidder has furnished the required Performance Security and signed the Contract Agreement.
- (6) The Bid Security may be forfeited:
 - (i) if the bidder withdraws his bid .
 - (ii) if the bidder does not accept the correction of his Bid Price .
 - (iii) In the case of successful bidder, if he fails within the specified time limit to:
 - (a) Furnish the required Performance Security; or
 - (b) Sign the Contract Agreement.

h Format and Signing of Bid

- (1) Bidders are particularly directed that the amount entered on the Form of Bid shall be for performing the Contract strictly in accordance with the Bidding Documents.
- (2) All appendices to Bid are to be properly completed and signed.

- (3) No alteration is to be made in the Form of Bid nor in the Appendices thereto except in filling up the blanks as directed. If any such alterations be made or if these instructions be not fully complied with, the bid may be rejected.
- (4) Each bidder shall prepare by filling out the forms completely and without alterations in original and no of copies, specified in the Bidding Data, of the documents comprising the bid and clearly mark them "ORIGINAL" and 'COPY" as appropriate. In the event of discrepancy between them, the original shall prevail.
- (5) The original and all copies of the bid shall be typed or written in indelible ink (in the case of copies, Photostats are also acceptable) and shall be signed by a person or persons duly authorized to sign on behalf of the bidder. The name and position held by each person signing the authorization must be typed or printed below the signature .All pages of the bid shall be initiated and stamped by the person or persons signing the bid.
- (6) The bid shall contain no alterations, omissions or additions, except to comply with instructions issued by the Employer, or as are necessary to correct errors made by the bidder, in which case such corrections shall be initiated by the person or persons signing the bid.
- (7) Bidders shall indicate in the space provided in the Form of Bid their full and proper addresses at which notices may be legally served on them and to which all correspondence in connection with their bids and the Contract is to be sent.
- (8) Bidders should retain a copy of the Bidding Documents as their file copy.

i. SUBMISSION OF BIDS

(1). Sealing and Marking of Bids

- (a) Each bidder shall submit his bid as under:
 - (i) ORIGINAL Bid shall be sealed and put in envelop and marked as such.
 - (ii) Bear the name and identification number of the contract as defined in the Bidding Data; and
 - (iii) Provide a warning not to open before the time and date for bid opening, as specified in the Bidding Data.

(2). Deadline for Submission of Bids

- (b) Bids must be received by the Employer at the address specified no later than the time and date stipulated in the Bidding Data.
- (c) The Employer may, at his discretion, extend the deadline for submission of bids by issuing an amendment, in which case all rights and obligations of the Employer and the bidders previously subject to the original deadline will thereafter be subject to the deadline as extended.

j. Late Bids

- (1) Any bid received by the Employer after the deadline for submission of bids will be returned unopened to such bidder.

k. Withdrawal of Bids

- (1) Any bidder may withdraw his bid after bid submission provided that the written notice of withdrawal is received by the Employer prior to the deadline for submission of bids.
- (3) Withdrawal of a bid during the interval between the deadline for submission of bids and the expiration of the period of bid validity specified in the Form of Bid may result in forfeiture of the Bid Security.

I. BID OPENING AND EVALUATION

(1) Bid Opening

- (i) The Employer will open the bids, including withdrawals, in the presence of bidders' representatives who choose to attend, at the time, date and location stipulated in the Bidding Data. The bidders' representatives who are present shall sign a register evidencing their attendance.
- (ii) The bidder's name, total Bid Price and price of any Alternate Proposal(s), any discounts, withdrawals, the presence or absence of Bid Security, and such other details as the Employer may consider appropriate, will be announced by the Employer at the opening of bids.
- (iii) Employer shall prepare minutes of the bid opening, including the information disclosed to those who present in the bid opening event.

m Process to be Confidential

- (1) Information relating to the examination, clarification, evaluation and comparison of bid and recommendations for the award of a contract shall not be disclosed to bidders or any other person not officially concerned with such process before the announcement of bid evaluation report which shall be done at least ten (10) days prior to issue of Letter of Acceptance. The announcement to all Bidders will include table(s) comprising read out prices, discounted prices, price adjustments made, final evaluated prices and recommendations against all the bids evaluated. Any effort by a bidder to influence the Employer's processing of bids or award decisions may result in the rejection of such bidder's bid. Whereas any bidder feeling aggrieved may lodge a written complaint not later than fifteen (15) days after the announcement of the bid evaluation report; however mere fact of lodging a complaint shall not warrant suspension of the procurement process.

n Clarification of Bids

- (1) To assist in the examination, evaluation and comparison of bids, the Employer may, at his discretion, ask any bidder for clarification of his bid, including breakdowns of unit rates. The request for clarification and the response shall be in writing but no change in the price or substance of the bid shall be sought, offered or permitted except as required to confirm the correction of arithmetic errors discovered by the Employer in the evaluation of the bids.

o Examination of Bids and Determination of Responsiveness

- (1) Prior to the detailed evaluation of bids, the Employer will determine whether each bid is substantially responsive to the requirements of the Bidding Documents.
- (2) A substantially responsive bid is one which (i) meets the eligibility criteria; (ii) has been properly signed; (iii) is accompanied by the required Bid Security; and (iv) conforms to all the terms, conditions and specifications of the Bidding Documents, without material deviation or reservation. A material deviation or reservation is one (i) which affect in any substantial way the scope, quality or performance of the Works; (ii) which limits in any

substantial way, inconsistent with the Bidding Documents, the Employer's rights or the bidder's obligations under the Contract; or (iii) adoption/rectification whereof would affect unfairly the competitive position of other bidders presenting substantially responsive bids.

- (3) If a bid is not substantially responsive, it will be rejected by the Employer, and may not subsequently be made responsive by correction or withdrawal of the non-conforming deviation or reservation.

p Correction of Errors

- (1) Bids determined to be substantially responsive will be checked by the Employer for any arithmetic errors. Errors will be corrected by the Employer as follows:
 - (a) Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern; and
 - (b) The amount stated in the Form of Bid will be adjusted by the Employer in accordance with the above procedure for the correction of errors and with the concurrence of the bidder, shall be considered as binding upon the bidder. If the bidder does not accept the corrected Bid Price, his Bid will be rejected, and the Bid Security shall be forfeited.

q Evaluation and Comparison of Bids / evaluation criteria

- (1) The Employer will evaluate and compare only the Bids determined to be substantially responsive.

EVALUATION CRITERIA

Total marks 100
Qualifying Marks 70

SR.#	ASSESSMENT PARAMETERS	MARKS
1	Valid PEC registration certificate.	10
2	List of professional staff.	10
3	List of similar works completed during last five years.	15
4	A certificate / Affidavit that the Firm / Contractor is not black-listed by any Govt / Authority and is not involved in litigation with any Govt Department / Autonomous Body.	10
5	Undertaking on stamp paper that bidder is the owner or proprietor of the firm / company who wish to participate in the tender.	5
6	Detail of relevant work done of same volume completed with Civil Armed Forces. (Visit may also arranged by supplier)	10
7	Valid Registration Certificate with Income Tax / Sales Tax department (FBR).	15
8	Valid proof of financial health of contractor	15
11	Detail of machinery / equipment Owned (10) Leased (07) Rented (05)	10
	Total marks	100

- (2) In evaluating the Bids, the Employer will determine for each Bid the evaluated Bid Price by adjusting the Bid Price as follows:
- (i) Making any correction for errors;
 - (ii) Excluding Provisional Sums and the provision, if any, for contingencies in the Summary Bill of Quantities, but including competitively priced Daywork; and
 - (iii) Making an appropriate adjustment for any other acceptable variation or deviation.

- (3) The estimated effect of the price adjustment provisions of the Conditions of Contract, applied over the period of execution of the Contract, shall not be taken into account in Bid evaluation.
- (4) If the Bid of the successful bidder is seriously unbalanced in relation to the Employer's estimate of the cost of work to be performed under the Contract, the Employer may require the bidder to produce detailed price analyses for any or all items of the Bill of Quantities to demonstrate the internal consistency of those prices with the construction methods and schedule proposed.

r. AWARD OF CONTRACT

(1) Award

- (a) The Employer will award the Contract to the bidder whose bid has been determined to be substantially responsive to the Bidding Documents and who has offered the lowest evaluated Bid Price, provided that such bidder has been determined to be eligible.
- (b) The Employer, at any stage of the bid evaluation, having credible reasons for or *prima facie* evidence of any defect in supplier's or contractor's capacities, may require the suppliers or contractors to provide information concerning their professional, technical, financial, legal or managerial competence whether already pre-qualified or not:

Provided that such qualification shall only be laid down after recording reasons therefor in writing. They shall form part of the records of that bid evaluation report.

(2) Employer's Right to accept any Bid and to reject any or all Bids

- (a) The Employer reserves the right to accept or reject any Bid, and to annul the bidding process and reject all bids, at any time prior to award of Contract, without thereby incurring any liability to the affected bidders or any obligation except that the grounds for rejection of all bids shall upon request be communicated to any bidder who submitted a bid, without justification of grounds. Rejection of all bids shall be notified to all bidders promptly.

(3) Notification of Award

- (a) Prior to expiration of the period of bid validity prescribed by the Employer, the Employer will notify the successful bidder in writing (“Letter of Acceptance”) that his Bid has been accepted. This letter shall name the sum which the Employer will pay the Contractor in consideration of the execution and completion of the Works by the Contractor as prescribed by the Contract (hereinafter and in the Conditions of Contract called the “Contract Price”).
- (b) No Negotiation with the bidder having evaluated as lowest responsive or any other bidder shall be permitted, however, Employer may have clarification meetings to get clarify any item in the bid evaluation report.
- (c) The notification of award and its acceptance by the bidder will constitute the formation of the Contract, binding the Employer and the bidder till signing of the formal Contract Agreement.
- (d) Upon furnishing by the successful bidder of a Performance Security, the Employer will promptly notify the other bidders that their Bids have been unsuccessful and return their bid securities.

(4) Performance Security

- (a) The successful bidder shall furnish to the Employer a Performance Security in the form and the amount stipulated in the Conditions of Contract within a period of 28 days after the receipt of Letter of Acceptance.
- (b) Failure of the successful bidder to comply with the requirements shall become forfeiture of the Bid Security.

(5) Signing of Contract Agreement

- (a) Within 14 days from the date of furnishing of acceptable Performance Security under the Conditions of Contract, the Employer will send the successful bidder the Contract Agreement in the form provided in the Bidding Documents, incorporating all agreements between the parties.
- (b) The formal Agreement between the Employer and the successful bidder shall be executed within 14 days of the receipt of the Contract Agreement by the successful bidder from the Employer.

(6) General Performance of the Bidders

The Employer reserves the right to obtain information regarding performance of the bidders on their previously awarded contracts/works. The Employer may in case of consistent poor performance of any Bidder as reported by the employers of the previously awarded contracts, interalia, reject his bid and/or refer the case to the Pakistan Engineering Council (PEC). Upon such reference, PEC in accordance with its rules, procedures and relevant laws of the land take such action as may be deemed appropriate under the circumstances of the case including black listing of such Bidder and debarring him from participation in future bidding for similar works.

(7) Integrity Pact

The Bidder shall sign and stamp the Integrity Pact provided at Appendix-D to Bid in the Bidding Documents at the time on entering into the Contract Agreement for all Federal Government procurement contracts exceeding Rupees ten million. Failure to provide such Integrity Pact shall make the bidder non-responsive.

**BIDDING
DATA**

Bidding Data

Name and address of the Employer:

NRTC HARIPUR, KPK, PAKISTAN

a Name of the Project:

CONSTRUCTION OF BOYS CAMPUS (G+1) AT NRTC PUBLIC SCHOOL, HARIPUR

b Bid language:

English

c Furnish Technical Proposal:

The bidder to submit a technical proposal in sufficient detail to demonstrate the adequacy of the bid in meeting requirements for timely completion of the Works.

d Period of Bid Validity:

120 DAYS

e Amount of Bid Security:

Amount Rs 300,000.00 as bid security in shape of pay order or demand draft.

f Employer's address for the purpose of Bid submission:

NRTC HARIPUR KPK PAKISTAN

g Deadline for submission of bids:

Venue, time, and date of Bid opening:

NRTC, HARIPUR, KPK, PAKISTAN

h. Time period for completion of project.

12x months

BOQ

NRTC PUBLIC SCHOOL (BOYS CAMPUS)

GROUND + 1 FLOORS BUILDING

COST SUMMARY

APPROX COVERED AREA : 13,145.00 SFT

S.NO	DESCRIPTION	ESTIMATED BOQ COST (PKR)	REMARKS
1	CIVIL + ARCHITECTURAL WORKS		
2	Plumbing works		
3	Electric works		
	TOTAL ESTIMATED COST (PKR) :		

NRTC PUBLIC SCHOOL (BOYS CAMPUS)

BILL OF QUANTITY
CIVIL + ARCH WORKS

S.NO	ITEM	UNIT	Qty	Rate (Rs)	Amount (Rs)
1	Excavation over areas as in Ordinary/Hard Soil upto 1.5 M depth, in foundation / excavations, throw earth clear of edges of excavation within 50 M.	cft	26,043.95		
2	Fill and back fill with suitable approved selected material obtained from borrow pits from within sector area including any lead and lift, placing in layers and compaction to the required density.	cft	12,009.99		
3	Fill and back fill with suitable approved selected material (Ghera) including any lead and lift, placing in layers and compaction to the required density.	cft	8,006.54		
4	Termite proofing of New buildings with approved chemicals except joinery.	sft	7,936.36		
5	Providing and laying of lean concrete using crushed or broken stone graded; 1:4:8, all as specified.	cft	1,432.17		
6	Providing and laying of RCC with 3000 psi compressive cylindrical strength in different structural elements (foundation etc.) including form work all as specified. Reinforcement measured and paid separately.	cft	3,255.23		
7	Providing and laying of RCC with 3000 psi compressive cylindrical strength in roof slabs, landings, walls, plinth beams and bands etc. all as specified including form work (reinforcement measured and paid separately).				
a	Plinth Beams	cft	875.69		
8	Providing and laying of RCC with 3000 psi compressive cylindrical strength in roof slabs, landings, walls, plinth beams and bands etc. all as specified including form work (reinforcement measured and paid separately).				
a	G/F Slab	cft	3,498.16		
b	F/F Slab	cft	3,498.16		
9	Providing and laying of RCC with 3000 psi compressive cylindrical strength in columns, beams , stairs , posts , struts , piers , lintels , and the like including form work, all as specified. Reinforcement measured and paid separately.				
a	G/F Beams	cft	525.41		
b	F/F Beams	cft	525.41		
10	Providing and laying of RCC with 3000 psi compressive cylindrical strength in columns, beams , stairs , posts , struts , piers , lintels , and the like including form work, all as specified. Reinforcement measured and paid separately.				
a	Stairs Ground Floor Till 3rd Floor Level	cft	86.16		
11	Providing and laying of RCC with 4000 psi compressive cylindrical strength all as specified in in beams, columns, stairs, posts, struts, piers, lintels and the like. Reinforcement measured and paid separately.				
a	Columns Ground Floor Till 1st Floor Level	cft	3,189.91		
12	Supply and fix, bars round, using deformed bars Grade-60, including cutting, bending, binding and placing reinforcement in position.				
a	Foundation Steel	Kgs	4,391.00		
b	Columns steel till First Floor level	Kgs	19,566.00		
c	Stairs steel Foundation Till 1st Floor level	Kgs	908.00		

NRTC PUBLIC SCHOOL (BOYS CAMPUS)

BILL OF QUANTITY
CIVIL + ARCH WORKS

S.NO	ITEM	UNIT	Qty	Rate (Rs)	Amount (Rs)
d	PLINTH BEAMS & Lintel Beam	Kgs	6,550.00		
e	1ST SLAB BEAMS	Kgs	3,979.00		
f	2ND SLAB BEAMS	Kgs	3,979.00		
g	G/F SLAB	Kgs	8,357.00		
h	F/F SLAB	Kgs	8,357.00		
13	Burnt brick work, in wall over 115 mm thick (9") , laid and jointed in CM 1:6, straight or to curve with inner radius of 6m and over, upto G.F roof level .	cft	8,554.20		
14	Burnt brick work, in wall over 115 mm thick (9") , laid and jointed in CM 1:6, straight or to curve with inner radius of 6m and over, upto 1st floor roof level .	cft	7,180.99		
15	Cement Plaster Walls 1:4 , 19 mm thick finished as specified (Basement, GF, FF floor). Internal Plaster				
a	Ground Floor	sft	2,606.72		
b	1st Floor	sft	2,188.26		
16	Cement Plaster Ceiling 1:3 , 19 mm thick finished as specified (Basement, GF, FF and 2nd floor).External Plaster				
a	Ground Floor	sft	21,893.91		
b	1st Floor + Parapet Wall	sft	22,731.90		
17	Providing and laying PCC 1:4:8 , laid under floor using crushed or broken stones.				
a	Ground Floor	cft	2,209.70		
18	Providing and laying but Premium quality tiles of any make, size not exceeding 3700 sq cm.including setting, jointing and bonding, complete all as specified (as per direction of engineer incharge)				
a	Ground Floor	sft	5,799.96		
b	1st Floor	sft	673.36		
19	Providing and laying but Deluxe quality tiles of Time & Style make, size exceeding 1600 sq cm but not exceeding 3700 sq cm. including setting, jointing and bonding, complete all as specified (as per direction of engineer incharge)				
a	Ground Floor	sft	5,799.96		
b	1st Floor	sft	5,799.96		
20	Providing and laying but Deluxe quality tiles of Time & Style make, size exceeding 1600 sq cm but not exceeding 3700 sq cm. including setting, jointing and bonding, complete all as specified (as per direction of engineer incharge)				
a	Ground Floor	sft	124.92		
b	1st Floor	sft	124.92		
21	Providing and laying Standard quality marble tiles (Sunny grey, Badel, Ziarat grey, Sunny white, zebra, Taveera boticina, Supreme white, Parlino stain boticina, Flower boticina), of any size, 20 mm thick including setting, jointing, bonding and chemical polishing, complete all as specified. (Stairs)	sft	477.31		
22	Providing and laying Standard quality marble tiles (Sunny grey, Badel, Ziarat grey, Sunny white, zebra, Taveera boticina, Supreme white, Parlino stain boticina, Flower boticina), of any size, 20 mm thick including setting, jointing, bonding and chemical polishing, complete all as specified. (Window Sills)	sft	594.92		

NRTC PUBLIC SCHOOL (BOYS CAMPUS)

BILL OF QUANTITY
CIVIL + ARCH WORKS

S.NO	ITEM	UNIT	Qty	Rate (Rs)	Amount (Rs)
23	Supply and fix, Solid Flush door , Teak veneered, 38 mm thick including mongery, without chowkats.	sft	594.92		
24	Supply of Aluminium Sliding window 2mm thick , Deluxe Quality, of Anodized Aluminium extruded section in any size, colour and texture as specified, including fixing on concrete, wood or steel frames, complete with all necessary fittings except glass.	sft	477.31		
25	Supply and fix, Plain Sheet glass 5 mm thick , fixed to timber or steel sashes with hard /soft wood beads and screws as specified.	sft	160.97		
26	Supply and fix M.S . Safety Grills for windows complete in all respects.	sft	7,936.36		
27	Supply and fix, Stainless steel Hand railing using ¾" to 2" dia,16 to 18 Gauge pipe with all fittings etc. as per specifications.	Mtr	7.62		
28	Supply and fix, Steel Chowkat press-moulded 16 SWG, for 230 mm walls , single / double leaf, complete, including hold fast, ties for lateral movement, PCC 1:2:4 cavity filling etc, including one coat of anti-Creosote paint (internal surface) and Red oxide paint (external surface).	Mtr	245.12		
29	Surface preparation (for dampness) by provision of a film with Alkali Resisting primer on plastered wall or ceiling.	sft	7,936.36		
30	1st Coat of painting on new or old work such as walls including all detached attachment with Plastic Emulsion paint.	sft	7,936.36		
31	Same as item 15-53, but 2nd and subsequent coat.	sft	7,936.36		
32	Supply and Fixing of Red Bricks (Ghutka)	sft	7,936.36		
33	1st Coat of painting to new or old work such as doors of any type and description with synthetic enamel paint.	sft	7,936.36		
34	Same as item 15-18, but 2nd and subsequent coat.	sft	7,936.36		
35	Spirit Polishing to New Wood Work (Main Entrance Door)	sft	7,936.36		
36	One coat of bitumen, applied hot on roof @ 0.75 Kg/sqm and blinded with sand, at 0.012 cum per sqm (including cleaning surface).	sft	7,936.36		
37	Same as item 10-44 but over 125 mm thick mud on roofs.	sft	7,936.36		
38	Providing and laying, single layer of 50 mm Flat brick tiles in roof, jointed and pointed in CM 1:3.	sft	7,936.36		
39	Providing and fixing of PVC water stopper 225mm wide and 8 mm thick.	Mtr	7,936.36		
40	Iron emergency stair	Job	1.00		
	Total Rs				-

NRTC PUBLIC SCHOOL (BOYS CAMPUS)
BILL OF QUANTITIES - PLUMBING

Ser	Description of work	Qty	Unit	Rate	Amount
1	Supply and fix, WC apparatus, European Pattern, complete (coupled set), comprising closet with flushing cistern glazed, in any colour, seat cover, complete set fixed to concrete , brick ,stone or wood work, best quality, Porta Make or Equivalent all as per drawing and specification.	2.00	Each		
2	Supply and fix, WC apparatus, Indian , complete (coupled set), comprising closet with flushing cistern glazed, in any colour, seat cover, complete set fixed to concrete , brick ,stone or wood work, best quality, Porta Make or Equivalent all as per drawing and specification.	8.00	Each		
3	Supply and fix under counter vanity hand basin in white colour, one hole, complete with waste pipe, chain & plug etc. (except mixer) best quality, Porta make or Equivalent all as per drawing and specifications.	6.00	Each		
4	Supply and fix, Mirror, any shape and pattern, 5 mm thick, Imported, edges ground, complete, fixed to concrete, brick, stione or wood work all as per drawing and specification.	2.50	Sq.m		
5	Supply and fix, Toilet paper holder, any shape pattern and size, Imported, with plugs, screws etc complete, fixed to concrete, brick, stone or wood work all as per drawing and specification (Sonex or Master).	10.00	Each		
6	Supply and fix, Bottle trap, complete all as per drawing and specification (Sonex or Master).	6.00	Each		
7	Supply and fix, Towel rail, CP, single rod, any pattern, shape and size, Pak made, with plugs, screws etc, fixed to concrete, brick, stone or wood work complete in all respects (Sonex or Master).	6.00	Each		
8	CP Mixer, 15mm dia, fancy head, cobra master or lever type Hot and cold with long screw channels and fly nuts complete, supply and fixing complete in all respects (Sonex or Master)	6.00	Each		
9	Bib cock, double with toilet shower Brass, CP, fancy type, screwed down, BSP, 15 mm dia, supply and fixing (Sonex or Master).	10.00	Each		

10	Supply & fixing of PPRC pipe with all fittings (i.e sockets, bends, tees, elbows where required) and laid complete in trenches (exclusive of excavation) or fixed to walls, ceilings and floors etc including caps and plugs as required 25mm dia.	62	Mtr		
11	Supply & fixing of PPRC pipe with all fittings (i.e sockets, bends, tees, elbows where required) and laid complete in trenches (exclusive of excavation) or fixed to walls, ceilings and floors etc including caps and plugs as required 40mm dia.	32	Mtr		
Total Rs					

NRTC PUBLIC SCHOOL (BOYS CAMPUS)
BILL OF QUANTITIES - INTERNAL ELECTRIFICATION

Ser	Description of work	Qty	Unit	Rate	Amount
1	One light point, controlled by one switch, wiring complete, with PVC single core cable 1.5 mm ² , Concealed PVC conduit. supply and fixing.	252.00	No		
2	One fan point , controlled by one switch, wiring complete, with PVC single core cable 1.5 mm ² , Concealed PVC conduit., supply and fixing.	42.00	No		
3	One light point controlled by two way switch, wiring complete with PVC single core cable 1.5 mm ² Surface conduits, stove enamelled, supply and fixing.	4.00	No		
4	Fan electric with copper winding, blades, canopy and rod including connection, provision of cable and ceiling rose, for fan 140 cm and 120 cm sweep, without regulator "Deluxe.", supply and fixing.	42.00	No		
5	Clamp hook for fan, box concealed , supply and fixing.	42.00	No		
6	Fan electric, AC, Exhaust, with copper winding, 220/230 V, SP, double way 50 cycle, having plastic frame body and blades, complete with cord operated switch, shutter and fixing screws, 30 cm "Standard" supply and fixing.	10.00	No		
7	Supply and fixing LED lights 40 -56 W (Philips or Pak Made)	452.00	No		
8	One three pin socket outlet, 5 A, point controlled by one switch, wiring complete PVC with single core cable 1.5 mm ² in Concealed PVC conduit., including earth wire, supply and fixing.	24.00	No		
9	One three pin socket outlet, 15 A, point controlled by one switch, wiring complete with PVC single core cable 2.5 mm ² , in Concealed PVC conduit., including earth wire, supply and fixing.	20.00	No		
10	Switch, SP, socket outlet 3 pin, 5 A, Universal/Multiple in galvanized, cast or malleable iron, in lieu of Bakelite box complete, supply and fixing.	24.00	No		
11	Switch, SP, socket out let 3 pin, 15 A, shuttered pattern, mounted in Bakelite box complete, supply and fixing.	20.00	No		
Total					