

SPORTS & YOUTH AFFAIRS DEPARTMENT

REMAINING CIVIL WORK CONSTRUCTION OF GAMA SPORTS STADIUM AT MIRPURKHAS.

TENDER DOCUMENTS

Issued to M/s		
Date of Opening of Tender		

ENGINEERING WING SPORTS & YOUTH AFFAIRS DEPARTMENT GOVERNMENT OF SINDH, KARACHI.

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INVITATION FOR BIDS

INVITATION FOR BIDS

1.	The Procuring Agency,
2.	A complete set of Bidding Documents may be purchased by an interested eligible bidder on submission of a written application to the office given below and upon payments of a non-refundable fee of Rupees (Insert amount). Bidders may acquire the bidding document from the office the procuring agency, at (mailing address).
3.	All Bids mist be accompanied by a Bid Security in the amount of Rs

[Note:1. Procuring Agency to enter the requisite information in blank spaces.

2. The bid shall be opened within one hour after the deadline for submission of bids.]

INSTRUCTIONS TO BIDDERS & BIDDING DATA

Notes on the Instructions to Bidders

This section of the bidding documents should provide the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Agency. It should also give information on bid submission, opening and evaluation and on the award of contract.

Matters governing the performance of the Contract or payments under the Contract or matters affecting the risks, rights and obligations of the parties under the Contract are not normally included in this section, but rater in the appropriate sections of the Conditions of Contract and /or Contract Data.

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INSTRUCTION TO BIDDERS

(Note: (These instructions to bidder (IB) along with Bidding Date will not be part of Contract and will cease to have effect once the Contract is signed).

IB.1 Scope of Bid & Sources of Funds.

1.1 Scope of Bid.

The Procuring Agency as defined in the Bidding Data (hereinafter called "the procuring agency") wishes to receive Bids for the works summarized in the Bidding Data (hereinafter referred to as "the works").

Bidders must quote for the complete scope of work. Any Bid covering partial scope of work sill be rejected as non-responsive.

1.2 Source of Funds

The Procuring Agency has arranged funds from its own sources or Federal/ Provincial / Donor agency or any other sources, which may be indicated accordingly in bidding data towards the cost of the project/ scheme.

IB.2 Eligible Bidders

- **2.1** Bidding is open to all firms and persons meeting the following requirements:
 - a. duly licensed by the Pakistan Engineering Council (PEC) in the appropriate category for value of works.

Provided that the works costing Rs.2.5 million or less shall not require any registration with PEC.

b. Duly pre-qualified with the procuring agency (Where required).

In the event that prequalification of potential bidders has been undertaken, only bids from prequalified bidders will be considered for award of Contract.

- c. if prequalification has not undertaken, the procuring agency may ask information and documents not limited to following: -
 - (i) Company Profile.
 - (ii) Corks of similar nature and size for each performed in last 3/5 years.
 - (iii) Construction equipments.
 - (iv) Qualification and experience of technical personnel and key site management.
 - (v) Financial statement of last 3 years.
 - (vi) Information regarding litigations and abandoned works if any.

IB.3 Cost of Bidding

3.1 The Bidder shall bear all costs associated with the preparation and submission of its bid and the procuring agency will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process (SPPRA Rules 24& 25).

B. BIDDING DOCUMENTS

IB.4 Contents of Bidding Documents

- 4.1 In addition to Invitation for bids the bidding documents are those stated below and should be read in conjunction with any addendum issued in accordance with Sub-Clause IB.6.1
 - 1. Instruction to Bidders & Bidding Data.
 - 2. Form of Bid, Qualification Information & Schedules to Bid comprise the following:
 - i. Schedule A: Schedule of Prices/ Bill of Quantities (BOQ).
 - ii. Schedule B: Specific Works Data.
 - iii. Schedule C: Works to be Performed by Sub contractors.
 - iv. Schedule D: Proposed Programme of Works.
 - v. Schedule E: Method of Performing Works.
 - vi. Schedule F: Integrity Pact (Works costing Rs.10 Million and above).
 - 3. Conditions of Contract & Contract Data.
 - 4. Standard Forms:
 - i. From of Bid Security.
 - ii. Form of Performance Security.
 - iii. Form of Contract Agreement.
 - iv. Form of Bank Guarantee for Advance Payment.
 - 5. Specifications.
 - 6. Drawings, if any.

IB.5 Clarification of Bidding Documents.

- 5.1 A prospective bidder requiring any clarification (s) in respect of the Bidding Documents may notify the Engineer / Procuring Agency at the Engineer's / Procuring Agency Address indicated the bidding data.
- 5.2 An Interested Bidder, who has obtained bidding documents, may reque3st for clarification of contents of bidding documents in writing and procuring agency shall respond to such quarries

in writing within three clander days, provided they are received at least five calendar days prior to the date of opening of bid (SPPRA Rules 23-1).

IB.6 Amendment of Bidding Documents (SPPRA Rules 22(2) & 22).

- 6.1 At any time prior to the deadline for submission of bids, the Procuring Agency may for any reason, whether at his own initiative or in response to a clarification requested by a interested bidder modify the bidding documents by issuing addendum.
- And addendum thus issued shall be part of the Bidding Documents pursuant to Sub-Clause 6.1 hereof 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 procuring Agency.
- 6.3 To afford interested bidders reasonable time in which to take an addendum into account in preparing their Bids, the procuring Agency may at its discretion extend the deadline for submission of Bids.

C. PREPARATION OF BIDS.

IB.7 Language of Bid

7.1 All documents relating to the Bid shall be in the language specified in the contract data.

IB.8 Documents Comprising the Bid.

- 8.1 The bid submitted by the bidder shall comprise the following:
 - a. Offer/ Covering Letter.
 - b. Form of Bid duly filled, signed and sealed in accordance with IB.14.3.
 - c. Schedules (A to F) to bid duly filled and initialed in accordance with the instructions contained therein and in accordance with IB.14.3.
 - d. Bid Security furnished in accordance with IB.13.
 - e. Power of Attorney in accordance with IB 14.5.
 - f. Documentary evidence in accordance with IB.2 (c) & IB.11.
 - g. Documentary evidence in accordance with IB.12.

IB.9 Sufficiency of Bid.

9.1 Each Bidder shall satisfy himself before Bidding as to the correctness and sufficiency of his Bid and of the premium of the rates of CSR / rates and prices quoted/ entered in the schedule of prices, which rates and prices shall except in so far as it is otherwise expressly provided in the Contract, cover all his obligations under the Contract and all matters and things necessary for the proper completion of the works.

9.2 The Bidder is advised to obtain for himself at his own cost and responsibility all information that may be necessary for preparing the bid and entering into a Contract for execution of the works.

IB.10 Bid Prices, Currency of Bid and Payment.

- 10.1.1 The bidder shall fill up the Schedule of Prices (Schedule A t Bid) indicating the percentage above or below the Composite Schedule of Rates / unit rates and prices of the Works to be performed under the Contract. Prices in the Schedule of Prices / Bill of Quantities shall be quoted entirely in Pak Rupees keeping in view the instructions contained in the Preamble to Schedule of Prices.
- 10.1.2 Unless otherwise stipulated in the Conditions of Contract, Prices quoted by the Bidder shall remain fixed during the bidder's performance of the Contract and not subject to variation on any account.
- 10.1.3 The unit rate and prices in the schedule of prices or percentage above or below on the composite schedule of rates shall be quoted by the bidder in the currency as stipulated in Bidding Data.
- 10.1.4 Items for which no rate or price is entered by the Bidder will not be paid for by the Procuring Agency when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities.

IB.11 Documents Establishing Bidder's Eligibility and Qualifications.

- Pursuant to Clause IB.8, the Bidders furnish, as part of its bid, documents establishing the bidder's eligibility to bid and its qualifications to perform the Contract of its bid is accepted.
- Bidder must posses and provide evidence of its capability and the experience as stipulated in Bidding Data and the Qualification Criteria mentioned in the Bidding Documents.

IB.12 Documents Establishing Work's Conformity to Bidding Documents.

- 12.1 The Documentary evidence of the work's conformity to the Bidding Documents may be in the form of literature, drawings and data and the bidder shall furnish documentation as set out in Bidding Data.
- 12.2 The Bidder shall note that standards for workmanship, material and equipments and references to brand names or catalogue numbers, if any, designated by the procuring agency in the Technical Provisions are intended to be descriptive only and not restrictive.

IB.13 Bid Security

- 13.1 Each bidder shall furnish, as part of his bid, at the option of the bidder, a Bid Security as percentage of bid price/estimated cost or in the amount stipulated in Bidding Data in Pak. Rupees in the form of *Deposit at Call/ Payee's Order or a Bank Guarantee* issued by a Scheduled Bank in Pakistan in favour of the Procuring Agency valid for a period up to twenty eight (28) days beyond the bid validity date (*Bid security should not be below 1%.and not exceeding 5% of bid price/estimated cost SPP Rule 37*).
- 13.2 Any bid not accompanied by an acceptable Bid Security shall be rejected by the Procuring Agency as non-responsive.
- 13.3 The bid securities of unsuccessful bidders will be returned upon award of contract to the successful bidder or on the expiry of validity of Bid Security whichever is earlier.
- 13.4 The Bid Security of the successful bidder will be returned when the bidder has furnished the required Performance Security, and signed the Contract Agreement (SPP Rule 37).
- 13.5 The Bid Security may be forfeited:
 - (a) if a bidder withdraws his bid during the period of bid validity; or
 - (b) if a bidder does not accept the correction of his Bid Price, pursuant to Sub-Clause 16.4 (b) hereof; or
 - (c) in the case of a successful bidder, if he fails within the specified time limit to:
 - (i) furnish the required Performance Security or
 - (ii) sign the Contract Agreement.

IB.14 Validity of Bids, Format, Signing and Submission of Bid

- 14.1 Bids shall remain valid for the period stipulated in the Bidding Data after the date of bid opening.
- 14.2 In exceptional circumstances, Procuring Agency may request the bidders to extend the period of validity for a additional period but not exceeding 1/3 of the original period. The request and the bidders' responses shall be made in writing or by cable. A Bidder may refuse the request without forfeiting the Bid Security. A Bidder agreeing to the request will not be required or permitted to otherwise modify the Bid, but will be required to extend the validity of Bid Security for the period of the extension, and in compliance with IB.13 in all respects (SPP Rule 38).
- 14.3 All Schedules to Bid are to be properly completed and signed.
- 14.4 No alteration is to be made in the Form of Bid except in filling up the blanks as directed. If any alteration be made or if these instructions be not fully complied with, the bid may be rejected.

- 14.5 Each bidder shall prepare Original and number of copies specified in the Bidding Data of the documents comprising the bid as described in IB.8 and clearly mark them "ORIGINAL" and "COPY" as appropriate. In the event of discrepancy between them, the original shall prevail.
- 14.6 The original and all copies of the bid shall be typed or written in indelible ink and shall be signed by a person or persons duly authorized to sign (in the case of copies, Photostats are also acceptable). This shall be indicated by submitting a written Power of Attorney authorizing the signatory of the bidder to act for and on behalf of the bidder. All pages of the bid shall be initialed and official seal be affixed by the person or persons signing the bid.
- 14.7 The Bid shall be delivered in person or sent by registered mail at the address to Procuring Agency as given in Bidding Data.

D. SUBMISSION OF BID

IB.15 Deadline for Submission, Modification & Withdrawal of Bids

- 15.1 Bids must be received by the Procuring Agency at the address/provided in Bidding Data not later than the time and date stipulated therein.
- 15.2 The inner and outer envelopes shall
 - (a) be addressed to the Procuring Agency at the address provided in the Bidding Data;
 - (b) Bear the name and identification number of the Contract as defined in the Bidding and Contract Data; and
 - (c) provide a warning not to open before the specified time and date for Bid opening as defined in the Bidding Data.
 - (d) in addition to the identification required in 15.2, the inner envelopes shall indicate the name and address of the Bidder to enable the Bid to be returned unopened in case it is declared late.
 - (e) If the outer envelope is not sealed and marked as above, the Procuring Agency will assume no responsibility for the misplacement or premature opening of the Bid.
- 15.3 Bids submitted through telegraph, telex, fax or e-mail shall not be considered.
- 15.4 Any bid received by the Procuring Agency after the deadline for submission prescribed in Bidding Data will be returned unopened to such bidder.
- 15.5 Any bidder may modify or withdraw his bid after bid submission provided that the modification or written notice of withdrawal is received by the Procuring Agency prior to the deadline for submission of bids.
- 15.6 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 pursuant to IB.13.5 (a).

E. BID OPENING AND EVALUATION

IB.16 Bid Opening, Clarification and Evaluation (SPP Rules 41, 42 & 43)

- 16.1 The Procuring Agency will open the bids, in the presence of bidders' representatives who choose to attend, at the time, date and in the place specified in the Bidding Data.
- 16.2 The bidder's name, Bid Prices, any discount, the presence or absence of Bid Security, and such other details as the Procuring Agency at its discretion may consider appropriate, will be announced by the Procuring Agency at the bid opening. The Procuring Agency will record the minutes of the bid opening. Representatives of the bidders who choose to attend shall sign the attendance sheet. Any Bid Price or discount which is not read out and recorded at bid opening will not be taken into account in the evaluation of bid.
- 16.3 To assist in the examination, evaluation and comparison of Bids the Engineer/Procuring Agency may, at its discretion, ask the bidder for a clarification of its Bid. The request for clarification and the response shall be in writing and no change in the price or substance of the Bid shall be sought, offered or permitted (SPP Rule 43).
- 16.4 (a) Prior to the detailed evaluation, pursuant to IB.16.7 to 16.9, the Engineer/Procuring Agency will determine the substantial responsiveness of each bid to the Bidding Documents. For purpose of these instructions, a substantially responsive bid is one which conforms to all the terms and conditions of the Bidding Documents without material deviations. It will include determining the requirements listed in Bidding Data.
 - (b) Arithmetical errors will be rectified on the following basis:

If there is a discrepancy between the unit price and total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If there is a discrepancy between the words and figures the amount in words shall prevail. If there is a discrepancy between the Total Bid price entered in Form of Bid and the total shown in Schedule of Prices-Summary, the amount stated in the Form of Bid will be corrected by the Procuring Agency in accordance with the Corrected Schedule of Prices.

If the bidder does not accept the corrected amount of Bid, his Bid will be rejected and his Bid Security forfeited.

- 16.5 A Bid determined as substantially non-responsive will be rejected and will not subsequently be made responsive by the bidder by correction of the non-conformity.
- Any minor informality or non-conformity or irregularity in a Bid which does not constitute a material deviation (**major deviation**) may be waived by Procuring Agency, provided such waiver does not prejudice or affect the relative ranking of any other bidders.

(A). Major (material) Deviations include:-

- (i) Has been not properly signed;
- (ii) Is not accompanied by the bid security of required amount and manner;
- (iii) Stipulating price adjustment when fixed price bids were called for;
- (iv) Failing to respond to specifications;
- (v) Failing to comply with Mile-stones/Critical dates provided in Bidding Documents;
- (vi) Sub-contracting contrary to the Conditions of Contract specified in Bidding Documents:

- (vii) Refusing to bear important responsibilities and liabilities allocated in the Bidding Documents, such as performance guarantees and insurance coverage;
- (viii) Taking exception to critical provisions such as applicable law, taxes and duties and dispute resolution procedures;
- (ix) A material deviation or reservation is one :
 - (a) Which affect in any substantial way the scope, quality or performance of the works;
 - (b) adoption/rectification whereof would affect unfairly the competitive position of other bidders presenting substantially responsive bids.

(B) Minor Deviations

Bids that offer deviations acceptable to the Procuring Agency and which can be assigned a monetary value may be considered substantially responsive at least as to the issue of fairness. This value would however be added as an adjustment for evaluation purposes only during the detailed evaluation process.

16.7 The Engineer/Procuring Agency will evaluate and compare only the bids previously determined to be substantially responsive pursuant to IB.16.4 to 16.6 as per requirements given hereunder. Bids will be evaluated for complete scope of works. The prices will be compared on the basis of the Evaluated Bid Price pursuant to IB.16.8 herein below.

Technical Evaluation: It will be examined in detail whether the works offered by the bidder complies with the Technical Provisions of the Bidding Documents. For this purpose, the bidder's data submitted with the bid in Schedule B to Bid will be compared with technical features/criteria of the works detailed in the Technical Provisions. Other technical information submitted with the bid regarding the Scope of Work will also be reviewed.

16.8 Evaluated Bid Price

In evaluating the bids, the Engineer/Procuring Agency will determine for each bid in addition to the Bid Price, the following factors (adjustments) in the manner and to the extent indicated below to determine the Evaluated Bid Price:

- (i) Making any correction for arithmetic errors pursuant to IB.16.4 hereof.
- (ii) Discount, if any, offered by the bidders as also read out and recorded at the time of bid opening.
- (iii) Excluding **provisional sums** and the provisions for **contingencies** in the Bill of Quantities **if any**, but including **Day work**, where priced competitively.

IB.17 Process to be Confidential

17.1 Subject to IB.16.3 heretofore, no bidder shall contact Engineer/Procuring Agency on any matter relating to its Bid from the time of the Bid opening to the time the bid evaluation result is announced by the Procuring Agency. The evaluation result shall be announced at least seven (07) days prior to award of Contract (SPP Rule 45). 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.

- 17.2 Any effort by a bidder to influence Engineer/Procuring Agency in the Bid evaluation, Bid comparison or Contract Award decisions may result in the rejection of his Bid. Whereas any bidder feeling aggrieved, may lodge a written complaint to Complaint Redressal Committee as per terms and conditions mentioned in SPP Rules 31 & 32. However, mere fact of lodging a complaint shall not warrant suspension of procurement process.
- 17.3 Bidders may be excluded if involved in "**Corrupt and Fraudulent Practices**" means either one or any combination of the practices given below SPP Rule2(q);
 - (i) "Coercive Practice" means any impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence the actions of a party to achieve a wrongful gain or to cause a wrongful loss to another party;
 - (ii) "Collusive Practice" means any arrangement between two or more parties to the procurement process or contract execution, designed to achieve with or without the knowledge of the procuring agency to establish prices at artificial, noncompetitive levels for any wrongful gain;
 - (iii) "Corrupt Practice" means the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence the acts of another party for wrongful gain;
 - (iv) "Fraudulent Practice" means any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;
 - (v) "Obstructive Practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in a procurement process, or affect the execution of a contract or deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements before investigators in order to materially impede an investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or acts intended to materially impede the exercise of inspection and audit rights provided for under the Rules.

F. AWARD OF CONTRACT

IB.18. Post Qualification

- 18.1 The Procuring Agency, at any stage of the bid evaluation, having credible reasons for or *prima facie* evidence of any defect in contractor's capacities, may require the 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 therefore in writing. They shall form part of the records of that bid evaluation report.
- 18.2 The determination will take into account the bidder's financial and technical capabilities. It will be based upon an examination of the documentary evidence of the bidders'qualifications submitted under B.11, as well as such other information required in the Bidding Documents.

IB.19 Award Criteria & Procuring Agency's Right

- 19.1 Subject to IB.19.2, the Procuring Agency 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 qualified to satisfactory perform the Contract in accordance with the provisions of the IB.18.
- 19.2 Not withstanding IB.19.1, the Procuring Agency 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 to inform the affected bidders of the grounds for the Procuring Agency's action except that the grounds for its rejection of all bids shall upon request be communicated, to any bidder who submitted a bid, without justification of the grounds. Notice of the rejection of all the bids shall be given promptly to all the bidders (SPP Rule 25).

IB.20 Notification of Award & Signing of Contract Agreement

- 20.1 Prior to expiration of the period of bid validity prescribed by the Procuring Agency, the Procuring Agency will notify the successful bidder in writing (—Letter of Acceptancell) that his bid has been accepted (SPP Rule 49).
- 20.2 Within seven (07) days from the date of furnishing of acceptable Performance Security under the Conditions of Contract, the Procuring Agency will send the successful bidder the Form of Contract Agreement provided in the Bidding Documents, incorporating all agreements between the parties.
- 20.3 The formal Agreement between the Procuring Agency and the successful bidder duly stamped at rate of ----% of bid price(updated from time to time) stated in Letter of Acceptance shall be executed within seven (07) days of the receipt of Form of Contract Agreement by the successful bidder from the Procuring Agency.

IB.21 Performance Security

- 21.1 The successful bidder shall furnish to the Procuring Agency a Performance Security in the form and the amount stipulated in the Conditions of Contract within a period of fourteen (14) days after the receipt of Letter of Acceptance (SPP 39).
- 21.2 Failure of the successful bidder to comply with the requirements of Sub-Clauses IB.20.2 & 20.3 or 21.1 or Clause IB.22 shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security.
- 21.3 Publication of Award of Contract: within seven days of the award of contract, the procuring shall publish on the website of the authority and on its own website, if such a website exists, the results of the bidding process, identifying the bid through procurement identifying Number if any and the following information:
 - (1) Evaluation Report;
 - (2) Form of Contract and letter of Award;
 - (3) Bill of Quantities or Schedule of Requirements. (SPP Rule 50)

IB.22 Integrity Pact The Bidder shall sign and stamp the Form of Integrity Pact provided at Schedule-F to Bid in the Bidding Document for all Sindh Government procurement contracts exceeding Rupees ten (10) million. Failure to provide such Integrity Pact shall make the bid nonresponsive (SPP Rule 89).

BIDDING DATA

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents. The following specific data for the works to be tendered shall complement, amend, or supplement the provisions in the Instructions to Bidders. Wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders.)

Instructions to Bidders Clause Reference

Name of Procuring Agency
Sports & Youth Affairs Department Govt. of Sindh, Karachi
*

Brief Description of Works

REMAINING CIVIL WORK CONSTRUCTION OF GAMA SPORTS STADIUM AT MIRPURKHAS.

5.1 (a) Procuring Agency's address:

05th Floor State Life Building No.3, Dr. Ziauddin Ahmed Road, Karachi.

(Insert address of the Procuring Agency with telex/fax)

(b) Engineer's address:

Executive Engineer Sports & Youth Affairs Department Govt. of Sindh, 05th Floor State Life Building No.3, Dr. Ziuddin Ahmed Road, Karachi.

(Insert name and address of the Engineer, if any, with telex/fax.)

- 10.3 Bid shall be quoted entirely in Pak. Rupees. The payment shall be made in Pak. Rupees.
- 11.2 The bidder has the financial, technical and constructional capability necessary to perform the Contract as follows: (*Insert required capabilities and documents*)
 - i. Financial capacity: (must have turnover of Rs----Million);
 - ii. Technical capacity:(mention the appropriate category of registration with PEC and qualification and experience of the staff);
 - iii. Construction Capacity: (mention the names and number of equipments required for the work).

- 12.1 (a) A detailed description of the Works, essential technical and performance characteristics.
 - (b) Complete set of technical information, description data, literature and drawings as required in accordance with Schedule B to Bid, Specific Works Data. This will include but not be limited to a sufficient number of drawings, photographs, catalogues, illustrations and such other information as is necessary to illustrate clearly the significant characteristics such as general construction dimensions and other relevant information about the works to be performed.

_	Rs. 800000/- Lump sum
	Fill in lump sum amount or in % age of bid amount /estimated cost, but not below 1% and not exceeding 5%)
]	Period of Bid Validity
_	90 Days
((Fill in "number of days" not exceeding 90)
]	Number of Copies of the Bid to be submitted:
S	One original plus copies. (a) Procuring Agency's Address for the Purpose of Bid Submission Sports & Youth Affairs Department Govt. of Sindh, 05 th Floor State Life Building No. Ziauddin Ahmed Road, Karachi
(insert postal address or location of bid box for delivery by hand)
	Deadline for Submission of Bids

16.1 Venue, Time, and Date of Bid Opening

Venue: Karachi

Time: 1400 Hours Date: 28-03-2014.

16.4 **Responsiveness of Bids**

(i) Bid is valid till required period,

- *(ii) Bid prices are firm during currency of contract/Price adjustment;
- (iii) Completion period offered is within specified limits,
- (iv) Bidder is eligible to Bid and possesses the requisite experience, capability and qualification.
- (v) Bid does not deviate from basic technical requirements and
- (vi) Bids are generally in order, etc.

*Procuring agency can adopt either of two options. (Select either of them)

- (a) **Fixed Price contract:** In these contracts no escalation will be provided during currency of the contract and normally period of completion of these works is upto 12 months.
- (b) **Price adjustment contract:** In these contracts escalation will be paid only on those items and in the manner as notified by Finance Department, Government of Sindh, after bid opening during currency of the contract.

FORM OF BID AND SCHEDULES TO BID

FORM OF BID

(LETTER OF OFFER)

Bid Reference	ee No
(Name of Wo	rks)
То:	
Gentlemen, 1.	Having examined the Bidding Documents including Instructions to Bidders, Bidding Data, Conditions of Contract, Contract Data, Specifications, Drawings, if any, Schedule of Prices and Addenda Nos for the execution of the above-named works, we, the undersigned, being a company doing business under the name of and address
	and being duly incorporated under the laws of Pakistan hereby offer to execute and complete such works and remedy any defects therein in conformity with the said Documents including Addenda thereto for the Total Bid Price of Rs
2.	We understand that all the Schedules attached hereto form part of this Bid.
3.	As security for due performance of the undertakings and obligations of this Bid, we submit herewith a Bid Security in the amount of drawn in your favour or made payable to you and valid for a period of twenty eight (28) days beyond the period of validity of Bid.
4.	We undertake, if our Bid is accepted, to commence the Works and to deliver and complete the Works comprised in the Contract within the time(s) stated in Contract Data.
5.	We agree to abide by this Bid for the period of days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
6.	Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.
7.	We undertake, if our Bid is accepted, to execute the Performance Security referred to in Conditions of Contract for the due performance of the Contract.

- 8. We understand that you are not bound to accept the lowest or any bid you may receive.
- 9. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a bid for the Works.

Dated this	_day of	, 20	
Signature	_		
in the capacity of	duly authorized	to sign bid for and on behalf of	
(Name of Bidder in Block Co Address	•	(Seal)	
Witness:			
(Signature)			
Name:			
Address:			

[SCHEDULES TO BID INCLUDE THE FOLLOWING:

- Schedule A to Bid: Schedule of Prices
- Schedule B to Bid: Specific Works Data
- Schedule C to Bid: Works to be Performed by Subcontractors
- Schedule D to Bid: Proposed Program of Works
- Schedule E to Bid: Method of Performing Works
- Schedule F to Bid: Integrity Pact.
- Schedule G to Bid: Special Stipulations

SCHEDULE - A TO BID

SCHEDULE OF PRICES

Sr. No.		Page No.
1.	Preamble to Schedule of Prices	26
2.	Schedule of Prices	29
	*(a) Summary of Bid Prices	
	* (b) Detailed Schedule of Prices /Bill of Quantit	ties (BOQ)

• [To be prepared by the Engineer/Procuring Agency]

PREAMBLE TO SCHEDULE OF PRICES

1. General

- 1.1 The Schedule of Prices shall be read in conjunction with the Conditions of Contract, Contract Data together with the Specifications and Drawings, if any.
- 1.2 The Contract shall be for the whole of the works as described in these Bidding Documents. Bids must be for the complete scope of works.

2. Description

2.1 The general directions and descriptions of works and materials are not necessarily repeated nor summarized in the Schedule of Prices. References to the relevant sections of the Bidding Documents shall be made before entering prices against each item in the Schedule of Prices.

3. Units & Abbreviations

3.1	Units of measurement, symbols and abbreviations expressed in the Bidding Documents
	shall comply with the System International d 'Unites (SI Units).

(Note: The abbreviations to be used in the Schedule of Prices to be defined by the Procuring Agency).

4. Rates and Prices

- 4.1 Except as otherwise expressly provided under the Conditions of Contract, the rates and amounts entered in the Schedule of Prices shall be the rates at which the Contractor shall be paid and shall be the full inclusive value of the works set forth or implied in the Contract; except for the amounts reimbursable, if any to the Contractor under the Contract.
- 4.2 Unless otherwise stipulated in the Contract Data, the premium, rates and prices entered by the bidder shall not be subject to adjustment during the performance of the Contract.
- 4.3 All duties, taxes and other levies payable by the Contractor shall be included in the rates and prices.
- 4.4 The whole cost of complying with the provisions of the Contract shall be included in the items provided in the Schedule of Prices, and where

no items are provided, the cost shall be deemed to be distributed among the rates and prices entered for the related items of the Works and no separate payment will be made for those items.

The rates, prices and amounts shall be entered against each item in the Schedule of Prices. Any item against which no rate or price is entered by the bidder will not be paid for by the Procuring Agency when executed and shall be deemed covered by the rates and prices for other items in the Schedule of Prices.

- 4.5 (a) The bidder shall be deemed to have obtained all information as to and all requirements related thereto which may affect the bid price.
 - *(b) The Contractor shall be responsible to make complete arrangements for the transportation of the Plant to the Site.

*(Procuring Agency may modify as appropriate)

4.6 The Contractor shall provide for all parts of the Works to be completed in every respect. Notwithstanding that any details, accessories, etc. required for the complete installation and satisfactory operation of the Works, are not specifically mentioned in the Specifications, such details shall be considered as included in the Contract Price.

5. Bid Prices

5.1 Break-up of Bid Prices

The various elements of Bid Prices shall be quoted as detailed by the Procuring Agency in the format of Schedule of Prices.

The bidder shall recognize such elements of the costs which he expects to incur the performance of the Works and shall include all such costs in the rates and amounts entered in the Schedule of Prices.

5.2 Total Bid Price

The total of bid prices in the Schedule of Prices shall be entered in the Summary of Bid Prices.

6. Provisional Sums and Day work

- Provisional Sums included and so designated in the Schedule of Prices if any, shall be expended in whole or in part at the direction and discretion of the Engineer/Procuring Agency. The Contractor will only receive payment in respect of Provisional Sums, if he has been instructed by the Engineer/Procuring Agency to utilize such sums.
- 6.2 Day work rates in the contractor's bid are to be used for small additional amounts of work and only when the Engineer have given written instructions in advance for additional work to be paid for in that way.

BILL OF QUANTITIES

REMAINING CIVIL WORK AT LAYING OF SYNTHETIC HOCKEY TURF AT SHAHEED ZULFIQAR ALI BHUTTO SPORTS COMPLEX AT MIRPURKHAS.

SUMMARY OF PRICE

Sr. No.	Description	Amount (Rs)
1.	REMAINING CIVIL WORK CONSTRUCTION OF SPORTS STADIUM AT MIRPURKHAS.	
	Schedule Items Sub Head (A)	Rs.
	Schedule Items Sub Head (B)	Rs.
	Schedule Items Sub Head (C)	Rs.
	Schedule Items Sub Head (D)	Rs.
	Schedule Items Sub Head (E)	Rs.
	Schedule Items Sub Head (F)	Rs.
	Non Schedule Items	Rs.
	Grand Total	Rs.

(In words)
Contractor's Signature			
	Committee	's Signature	
	1.		
	2.		
	3.		
	4		
	5.		
	6.		

SCHEDULE OF PRICES – SUMMARY OF BID PRICES (Sample)

SCHEDULE ITEMS

S. No	S.I No.	Description	Unit	Qty	Rate	Amount
Sub He	ead "A"	CONSTRUCTION OF BASKET BALL	COURT	T, TOE WAI	L & TUFF	PAVERS.
1.	SI No.22 P	Filling, Watering & Ramming earth				
	No.04	under floor with new earth (excavated				
		from outside) lead upto one chain and				
		lift upto 5 feet.	P. Cft	20100.00	11.00	221100.00
2.	SI No.18 P	Excavation in foundation or building				
	No.04	bridges and other structures including				
		dabbling dressing, refilling around				
		structure with excavated earth Watering				
		and ramming lead upto 5ft.	00/ 06	050.00	2176 25	2017.42
3.	CIN-02D	(B). In ordinary Soil.	0%Cft	950.00	3176.25	3017.43
3.	S.I No.02 P No.15	Dry rammed brick or stone ballast 1 1/2"	%Cft	3310.00	3327.50	110140.25
4.	SI No.04 P	to 2" gauge. Cement Concrete Brick or stone Ballast	%CII	3310.00	3321.30	110140.23
4 .	No.15	1 1/2" to 2" gauge.				
	140.13	B. Ration 1:4:8	%Cft	3760.00	9416.28	354052.12
5.	SI No.4 P	Pacca brick work in ground floor in:	70 CIT	3700.00	7410.20	334032.12
3.	No.20	(e). Cement Sand Mortor 1:6	%Cft	1200.00	12674.36	152092.32
6.	SI No.11 P	Cement Plaster 1:4 upto 12' height.	70 010	1200.00	1207 1.50	102072.02
	No.52	(b). 1/2" thick	%Sft	2400.00	2283.93	54814.32
7.	SI No.38 P	Preparing the surface and painting with				
	No.56	weather coat including rubbing the				
		surface with rubbing brick / sand paper				
		filling the voids with chalk / plaster of				
		paris and then painting with weather coat				
		of approved make.	%Sft	2400.00	1328.25	31878.00
		2nd Subsequent coat.	%Sft	2400.00	619.85	14876.40
8.	SI No.05 P	Cement concrete plain including placing				
	No.16	compacting, finishing and curing				
		complete including screening and				
		washing at stone aggregate without shuttering.				
		(f). Ration 1:2:4)	%Cft	1660.00	14429.25	239525.55
9.	SI No.71 P	Providing & fixing cement paving	70 CIT	1000.00	14427.23	237323.33
<i>)</i> .	No.49	blocks flooring having size of				
	110.45	197x97x60 (mm) of city / quddra /				
		cobble shape with natural colours,				
		having strength B/W 5000 PSI to 8500				
		PSI i/c filling the joints with hill sand				
		and laying in specified manner / pattern				
		and design etc complete.	P.Sft	4290.00	199.77	857013.30
10.	SI No.66	Providing & fixing GI expanded metal				
	(A) P.	1/8-20 gauge fixed to chowkats with				
	No.66	3/4" Deodar strips and screws.	P. Sft	1530.00	178.68	273380.40

		-				
11.	SI No.6 P	Reinforced Cement concrete work including				
	No.17	all labour and material except the cost of				
	110027	steel reinforcement and its labour for				
		bending and binding which will be paid				
		separately. This rate also includes all kinds				
		of forms moulds. Lifting shuttering curing				
		rendering and finishing the exposed surface				
		(including screening and washing of				
		shinlge). (i) Ratio (1:2:4)	P. Cft	150.00	337.00	50550.00
12.	SI No.8 P	Fabrication of mild steel reinforcement for	1.010	130.00	337.00	30330.00
12.		cement concrete including cutting, bending				
	No.17	laying in position making joints and				
		fastenings including cost of binding wire				
		(also includes removal of rust)	P. Cwt	10.00	4820.20	48202.00
1.2	OT N. 1 ()	` /	r. Cwt	10.00	4020.20	46202.00
13.	SI No.1 (a)	Manufacturing supplying and fixing black				
	P No.30	steel M.S pipe made out of M.S sheet				
		confirming to API 5L grade x-24 ERW &				
		externally asphalt coated with fiber glass				
		5mm thick & internally CC lining 8 mm				
		thick (AWWA specification) i/c laying				
		jointing with Hilical welding in trenches				
		including cost of bends of any degree &				
		testing with water specified pressure for	D DG	220.00	746.52	171701 00
		different ideas. 4.8 mm thick (3" dia).	P. Rft	230.00	746.53	171701.90
					"A" Total=	2582343.99
				Above %		
				Below %	ó	
				Gr	and Total:-	
G 1 II	1.//D99	CONSTRUCTION OF SEATING STEPS	FOR BAS	SKETBALL	COURT, CH	ANGE ROOMS
Sub H	ead "B"	AND TOILET BLOCK				
		AND TOILET BLOCK				
1	SI No.18 P	Excavation in foundation or building bridges				
1						
1	SI No.18 P No.04	Excavation in foundation or building bridges				
1		Excavation in foundation or building bridges and other structures including dabbling				
1		Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with				
1		Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead	0%Cft	3220.00	3176.25	10227.52
	No.04	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (B). In	0%Cft	3220.00	3176.25	10227.52
2	No.04 SI No.04 P	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (B). In ordinary Soil. Cement Concrete Brick or stone Ballast 1	0%Cft	3220.00	3176.25	10227.52
	No.04	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (B). In ordinary Soil. Cement Concrete Brick or stone Ballast 1	0%Cft	3220.00 590.00	3176.25 9416.28	10227.52 55556.05
2	No.04 SI No.04 P No.15	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (B). In ordinary Soil. Cement Concrete Brick or stone Ballast 1 1/2" to 2" gauge. c. Ration 1:4:8				
	No.04 SI No.04 P No.15 SI No.4 P	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (B). In ordinary Soil. Cement Concrete Brick or stone Ballast 1 1/2" to 2" gauge.	%Cft	590.00	9416.28	55556.05
2	No.04 SI No.04 P No.15 SI No.4 P No.20	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (B). In ordinary Soil. Cement Concrete Brick or stone Ballast 1 1/2" to 2" gauge. c. Ration 1:4:8 Pacca brick work in ground floor in: (e). Cement Sand Mortor 1:6				
2	SI No.04 P No.15 SI No.4 P No.20 SI No.11 P	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (B). In ordinary Soil. Cement Concrete Brick or stone Ballast 1 1/2" to 2" gauge. c. Ration 1:4:8 Pacca brick work in ground floor in: (e). Cement Sand Mortor 1:6 Cement Plaster 1:4 upto 12' height.	%Cft	590.00 3520.00	9416.28 12674.36	55556.05 446137.47
3 4	SI No.04 P No.15 SI No.4 P No.20 SI No.11 P No.52	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (B). In ordinary Soil. Cement Concrete Brick or stone Ballast 1 1/2" to 2" gauge. c. Ration 1:4:8 Pacca brick work in ground floor in: (e). Cement Sand Mortor 1:6 Cement Plaster 1:4 upto 12' height. (b). 1/2" thick	%Cft	590.00	9416.28	55556.05
2	SI No.04 P No.15 SI No.4 P No.20 SI No.11 P No.52 SI No.38 P	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (B). In ordinary Soil. Cement Concrete Brick or stone Ballast 1 1/2" to 2" gauge. c. Ration 1:4:8 Pacca brick work in ground floor in: (e). Cement Sand Mortor 1:6 Cement Plaster 1:4 upto 12' height. (b). 1/2" thick Preparing the surface and painting with	%Cft	590.00 3520.00	9416.28 12674.36	55556.05 446137.47
3 4	SI No.04 P No.15 SI No.4 P No.20 SI No.11 P No.52	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (B). In ordinary Soil. Cement Concrete Brick or stone Ballast 1 1/2" to 2" gauge. c. Ration 1:4:8 Pacca brick work in ground floor in: (e). Cement Sand Mortor 1:6 Cement Plaster 1:4 upto 12' height. (b). 1/2" thick Preparing the surface and painting with weather coat including rubbing the surface	%Cft	590.00 3520.00	9416.28 12674.36	55556.05 446137.47
2 3 4	SI No.04 P No.15 SI No.4 P No.20 SI No.11 P No.52 SI No.38 P	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (B). In ordinary Soil. Cement Concrete Brick or stone Ballast 1 1/2" to 2" gauge. c. Ration 1:4:8 Pacca brick work in ground floor in: (e). Cement Sand Mortor 1:6 Cement Plaster 1:4 upto 12' height. (b). 1/2" thick Preparing the surface and painting with weather coat including rubbing the surface with rubbing brick / sand paper filling the	%Cft	590.00 3520.00	9416.28 12674.36	55556.05 446137.47
3 4	SI No.04 P No.15 SI No.4 P No.20 SI No.11 P No.52 SI No.38 P	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (B). In ordinary Soil. Cement Concrete Brick or stone Ballast 1 1/2" to 2" gauge. c. Ration 1:4:8 Pacca brick work in ground floor in: (e). Cement Sand Mortor 1:6 Cement Plaster 1:4 upto 12' height. (b). 1/2" thick Preparing the surface and painting with weather coat including rubbing the surface with rubbing brick / sand paper filling the voids with chalk / plaster of paris and then	%Cft	590.00 3520.00	9416.28 12674.36	55556.05 446137.47
3 4	SI No.04 P No.15 SI No.4 P No.20 SI No.11 P No.52 SI No.38 P	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (B). In ordinary Soil. Cement Concrete Brick or stone Ballast 1 1/2" to 2" gauge. c. Ration 1:4:8 Pacca brick work in ground floor in: (e). Cement Sand Mortor 1:6 Cement Plaster 1:4 upto 12' height. (b). 1/2" thick Preparing the surface and painting with weather coat including rubbing the surface with rubbing brick / sand paper filling the voids with chalk / plaster of paris and then painting with weather coat of approved	%Cft %Cft %Sft	590.00 3520.00 8800.00	9416.28 12674.36 2283.93	55556.05 446137.47 200985.84
3 4	SI No.04 P No.15 SI No.4 P No.20 SI No.11 P No.52 SI No.38 P	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (B). In ordinary Soil. Cement Concrete Brick or stone Ballast 1 1/2" to 2" gauge. c. Ration 1:4:8 Pacca brick work in ground floor in: (e). Cement Sand Mortor 1:6 Cement Plaster 1:4 upto 12' height. (b). 1/2" thick Preparing the surface and painting with weather coat including rubbing the surface with rubbing brick / sand paper filling the voids with chalk / plaster of paris and then painting with weather coat of approved make.	%Cft %Cft %Sft	590.00 3520.00 8800.00	9416.28 12674.36 2283.93	55556.05 446137.47 200985.84 98091.26
2 3 4 5	SI No.04 P No.15 SI No.4 P No.20 SI No.11 P No.52 SI No.38 P No.56	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (B). In ordinary Soil. Cement Concrete Brick or stone Ballast 1 1/2" to 2" gauge. c. Ration 1:4:8 Pacca brick work in ground floor in: (e). Cement Sand Mortor 1:6 Cement Plaster 1:4 upto 12' height. (b). 1/2" thick Preparing the surface and painting with weather coat including rubbing the surface with rubbing brick / sand paper filling the voids with chalk / plaster of paris and then painting with weather coat of approved make. 2nd Subsequent Coat.	%Cft %Cft %Sft	590.00 3520.00 8800.00	9416.28 12674.36 2283.93	55556.05 446137.47 200985.84
3 4	SI No.04 P No.15 SI No.4 P No.20 SI No.11 P No.52 SI No.38 P No.56	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (B). In ordinary Soil. Cement Concrete Brick or stone Ballast 1 1/2" to 2" gauge. c. Ration 1:4:8 Pacca brick work in ground floor in: (e). Cement Sand Mortor 1:6 Cement Plaster 1:4 upto 12' height. (b). 1/2" thick Preparing the surface and painting with weather coat including rubbing the surface with rubbing brick / sand paper filling the voids with chalk / plaster of paris and then painting with weather coat of approved make. 2nd Subsequent Coat. Cement concrete plain including placing	%Cft %Cft %Sft	590.00 3520.00 8800.00	9416.28 12674.36 2283.93	55556.05 446137.47 200985.84 98091.26
2 3 4 5	SI No.04 P No.15 SI No.4 P No.20 SI No.11 P No.52 SI No.38 P No.56	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (B). In ordinary Soil. Cement Concrete Brick or stone Ballast 1 1/2" to 2" gauge. c. Ration 1:4:8 Pacca brick work in ground floor in: (e). Cement Sand Mortor 1:6 Cement Plaster 1:4 upto 12' height. (b). 1/2" thick Preparing the surface and painting with weather coat including rubbing the surface with rubbing brick / sand paper filling the voids with chalk / plaster of paris and then painting with weather coat of approved make. 2nd Subsequent Coat. Cement concrete plain including placing compacting, finishing and curing	%Cft %Cft %Sft	590.00 3520.00 8800.00	9416.28 12674.36 2283.93	55556.05 446137.47 200985.84 98091.26
2 3 4 5	SI No.04 P No.15 SI No.4 P No.20 SI No.11 P No.52 SI No.38 P No.56	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (B). In ordinary Soil. Cement Concrete Brick or stone Ballast 1 1/2" to 2" gauge. c. Ration 1:4:8 Pacca brick work in ground floor in: (e). Cement Sand Mortor 1:6 Cement Plaster 1:4 upto 12' height. (b). 1/2" thick Preparing the surface and painting with weather coat including rubbing the surface with rubbing brick / sand paper filling the voids with chalk / plaster of paris and then painting with weather coat of approved make. 2nd Subsequent Coat. Cement concrete plain including placing compacting, finishing and curing complete including screening and	%Cft %Cft %Sft	590.00 3520.00 8800.00	9416.28 12674.36 2283.93	55556.05 446137.47 200985.84 98091.26
2 3 4 5	SI No.04 P No.15 SI No.4 P No.20 SI No.11 P No.52 SI No.38 P No.56	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (B). In ordinary Soil. Cement Concrete Brick or stone Ballast 1 1/2" to 2" gauge. c. Ration 1:4:8 Pacca brick work in ground floor in: (e). Cement Sand Mortor 1:6 Cement Plaster 1:4 upto 12' height. (b). 1/2" thick Preparing the surface and painting with weather coat including rubbing the surface with rubbing brick / sand paper filling the voids with chalk / plaster of paris and then painting with weather coat of approved make. 2nd Subsequent Coat. Cement concrete plain including placing compacting, finishing and curing complete including screening and washing at stone aggregate without	%Cft %Cft %Sft	590.00 3520.00 8800.00	9416.28 12674.36 2283.93	55556.05 446137.47 200985.84 98091.26
2 3 4 5	SI No.04 P No.15 SI No.4 P No.20 SI No.11 P No.52 SI No.38 P No.56	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (B). In ordinary Soil. Cement Concrete Brick or stone Ballast 1 1/2" to 2" gauge. c. Ration 1:4:8 Pacca brick work in ground floor in: (e). Cement Sand Mortor 1:6 Cement Plaster 1:4 upto 12' height. (b). 1/2" thick Preparing the surface and painting with weather coat including rubbing the surface with rubbing brick / sand paper filling the voids with chalk / plaster of paris and then painting with weather coat of approved make. 2nd Subsequent Coat. Cement concrete plain including placing compacting, finishing and curing complete including screening and	%Cft %Cft %Sft	590.00 3520.00 8800.00	9416.28 12674.36 2283.93	55556.05 446137.47 200985.84 98091.26
2 3 4 5	SI No.04 P No.15 SI No.4 P No.20 SI No.11 P No.52 SI No.38 P No.56 SI No.05 P	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (B). In ordinary Soil. Cement Concrete Brick or stone Ballast 1 1/2" to 2" gauge. c. Ration 1:4:8 Pacca brick work in ground floor in: (e). Cement Sand Mortor 1:6 Cement Plaster 1:4 upto 12' height. (b). 1/2" thick Preparing the surface and painting with weather coat including rubbing the surface with rubbing brick / sand paper filling the voids with chalk / plaster of paris and then painting with weather coat of approved make. 2nd Subsequent Coat. Cement concrete plain including placing compacting, finishing and curing complete including screening and washing at stone aggregate without	%Cft %Cft %Sft	590.00 3520.00 8800.00	9416.28 12674.36 2283.93	55556.05 446137.47 200985.84 98091.26

7.	SI No.25 P	Laying floors of approved coloured glazed				
	No.43	tiles 1/4" thick laid I white cement and				
		pigment on a bed of 3/4" thick cement				
		mortar 1:2.	%Sft	315.00	27747.06	87403.23
8.	SI No.29 P	Preparing surface and painting with	0/ 00	025.00	0.47.00	70.42.00
	No.72	Emulsion paint.	% Sft	925.00	847.99	7843.90
		(a). First Coat.	%Sft	925.00	457.38	4230.76
0	CINI OAD	(b). Second and each subsequent coat.				
9.	SI No.84 P No.108	Supply & fixing in position aluminum channels framing for sliding windows &				
	10.108	ventilator of alcop made with 5mm thick				
		tinted glass glazing (Belgium) & Aluminum				
		fly screen including handles stoppers &				
		locking arrangement etc completed.				
		(a). Deluxe Model (White).	P. Sft	43.00	1592.69	68485.67
10.	SI No.3 P	Supplying & fixing fiber glass tank of				
	No.21	approved quality and design and wall				
		thickness as specified including cost of nuts,				
		bolts and fixing in platform of cement				
		concrete 1:3:6 and making connections for				
		in-let & ou-let & over flow pipes etc				
		complete. (a). 250 Gallons wall thickness 3.5mm.	Each	1.00	21989.61	21989.61
11.	SI NO.04			1.00	21909.01	21909.01
11.	(C.) P. No.68	Painting doors and windows any. (i). First Coat.	% Sft	250.00	657.91	1644.77
	(0.) 1.110.00	(ii). Each subsequent coat.	%Sft	250.00	502.15	1255.37
12	SI No.3 Page	Providing & fixing 24"x18" lavatory basin				
	No.02	in white glazed earthen were complete with				
		& I/c the cost of W.I or C.I cantilever				
		brackets 6" inches built into wall, painted				
		white in two coast after a primary coat of red				
		lead paint, a pair of 1/2" dia rubber plug &				
		chrome plate brass chain 1-1/4" dia				
		malleable or brass unions and making				
		requisite number of holes in walls, plinth & floor in cement concrete 1: 2: 4 (Standard				
		pattern).	Each	2.00	4253.70	8507.40
13.	SI No.3 Page	Providing and fixing orisa type white or	Lacii	2.00	1233.70	0307.10
13.	No.02	colour glazed earthen ware W.C pan with				
	110102	cost of low level plastic flush tank of 3				
		gallons capacity of approved quality i8/c				
		making requisite number of holes in 11,				
		plinth & floor and making good in cement				
		concrete 1:2:4. a). W.C pan orisa type 23"				
		with plastic tank of low down 3 gallons CI				
		trap & CI thumble (Superior quality).	Each	1.00	5026 60	5926 60
1.4	CI No 04	(i). With 4" dia C.I Trap.	Each	1.00	5836.60	5836.60
14.	SI No.04 Page No.02	Providing & fixing European type white glazed earthen ware wash down W.C pan				
	1 age 110.02	complete with & I/c cost of white/black				
		plastic seat (Best qty) & lid with C.P brass				
		hinges best quality and buffers 3 gallons				
		plastic flushing cistern with internal fitting				
		with fitting and clamp 3/4" dia and cutting				
		& making requisite number of holes in				
		walls, plinth & floor for pipe connection &				==
		making good in cement concrete 1:2:4.	Each	1.00	5339.40	5339.40

			1	1		
15.	SI NO.13	Supply & fixing long bib Cock of superior	- ·	6.00	1100.46	
1.5	Page No.19	quality with c.p head ½'' dia.	Each	6.00	1109.46	6656.76
16.	SI No.11 (b) Page No.18	Supply & fixing cancealed stop cock of superior quality with C.P Head ½" dia.	Each	4.00	509.74	2038.96
17.	SI No.14	Supplying / Fixing wash basin mixture of	Earle	2.00	2170.00	6259.00
18.	Page No.19	superior quality with c.p head ½" dia. Supplying & fixing C.P Muslim Shower	Each	2.00	3179.00	6358.00
16.	SI No.19 (a) Page No.19	with double bib cock & ring pipe etc				
	1 age No.19	complete.	Each	2.00	3432.00	6864.00
19.	SI No.23	Supplying & fixing Bath room accessories				
	Page No.19	set (7 pieces) trowel rod, brush holder, soap				
		tray shelf of approved design including cost				
		of screws nuts etc complete (Master Brand).	Each	2.00	10322.00	20644.00
20.	SI No.25	Laying floors of approved coloured glazed				
	Page No.43	tiles 1/4" thick laid in white cement and				
		pigment on a bed of ¹ / ₄ " thick cement and pigment on a bed of ³ / ₄ " thick cement mortar				
		1:2.	%Sft	310.00	27747.06	86015.88
21.	SI No.08	Providing & fixing in position, doors,	/0510	310.00	211-11.00	00013.00
21.	Page No.58	windows and Ventilator of 2"x2" ¹ / ₄ " Angle				
		Iron frames and 1 3/4" thick Commercial ply				
		wood veneer shutters of deodar wood (3 ply)				
		on both sides, including hold fasts, cheats,				
		iron towe bolts handles, hinges and one				
22	CIN OCD	mortice lock.	P. Sft	70.00	933.75	65362.50
22.	SI No.06 P	Reinforced Cement concrete work including				
	No.17	all labour and material except the cost of steel reinforcement and its labour for				
		bending and binding which will be paid				
		separately. This rate also includes all kinds				
		of forms moulds. Lifting shuttering curing				
		rendering and finishing the exposed surface				
		(including screening and washing of				
		shingle). (i). Ratio (1:2:4)	P. Cft	1985.00	337.00	668945.00
23.	SI No.8 P	Fabrication of mild steel reinforcement for				
	No.17	cement concrete including cutting, bending				
		laying in position making joints and fastenings including cost of binding wire				
		(also includes removal of rust)	P. Cwt	136.00	4820.20	655547.20
24.	SI No.30 P	Providing & fixing iron grill using solid			1323.20	322217120
	No.94	square bars of size 1/2" x 1/2" placed at 4"				
		including and frame of flat iron patti of 3/4"				
		x 3/4" including circle shape at 1-0 apart				
		equivalent fitted with screws are pins				
		including painting 3 coats with 1st coat of	D Ct	110.00	104.16	01257 (0
25	SI NO.8	red oxide paint etc. Providing G.I Pipes, specials and clamps etc	P. Sft	110.00	194.16	21357.60
25.	Page No.03	including fixing cutting &fitting complete				
	1 450 110.00	with and including the cost of breaking				
		through walls and roof making good etc				
		painting two coats after cleaning the pipe etc				
		with white zink paint with pigment to match				
		the colours of the building and testing with				
		water to pressure head of 200 feet and				
		handling.	D De	90.00	05.70	7662.00
		(ii). 3/4" dia GI Pipe.	P. Rft	80.00	95.79	7663.20

26.	SI No.123	Wiring for light or fan point with 3/.029				
	Page No.15	PVC insulated wire in 20mm (3/4") PVC	P.	4.00	505.00	2100.00
		conduit on surface as required.	Point	4.00	797.00	3188.00
					"B" Total=	2624136.35
				Above %		
				Below %		
					rand Total:-	
Sub H	Head "C"	CONSTRUCTION OF MAIN GATES &	& CAR P	'ARKING.		
1.	SI No.18	Excavation in foundation or building				
	Page No.04	bridges and other structures including				
		dabbling dressing, refilling around				
		structure with excavated earth Watering				
		and ramming lead upto 5ft.				
		(B). In ordinary Soil.	0%Cft	520.00	3176.25	1651.65
2.	S.I No.02 P	Dry rammed brick or stone ballast 1 1/2"	[
	No.15	to 2" gauge.	%Cft	64.00	3327.50	2129.60
3.	SI No.11 P	Cement Plaster 1:4 upto 12' height.				
	No.52	(b). 1/2" thick	%Sft	1055.00	2283.93	24095.46
4.	SI No.22 P	Filling, Watering & Ramming earth				
	No.04	under floor with new earth (excavated				
		from outside) lead upto one chain and				
		lift upto 5 feet.	Cft	7555.00	11.00	83105.00
5.	SI NO.04	Cement Concrete Brick or Stone Ballast				
	Page No.15	1 1/2" to 2" gauge.				
		(b). Ration 1:4:8	%Cft	5030.00	9416.28	473638.88
6.	SI No.71 P	Providing & fixing cement paving				
	No.49	blocks flooring having size of				
		197x97x60 (mm) of city / quddra /				
		cobble shape with natural colours,				
		having strength B/W 5000 PSI to 8500				
		PSI i/c filling the joints with hill sand				
		and laying in specified manner / pattern				
		and design etc complete.	P. Sft	15110.00	199.77	3018524.70
7.	SI NO.14					
	Page No.16	Providing & fixing precast Edge Block 3750				
		PSI Industrial Made size 6 inches thick x 12 inches long x12 inches high including the				
		cost of Cartage, excavation form work for				
		hunching, 1450 PSI lean concrete, 2250 PSI				
		concrete for hunching, 1:4 cement sand				
		mortor.	P. Rft	914.00	297.01	271467.14
8.	SI NO.04	Painting doors and windows any.	% Sft	620.00	657.91	4079.04
	(C.) Page	(i). First Coat.	%Sft	620.00	502.15	3113.33
	No.68	(ii). Each subsequent coat.	70510	020.00	302.13	
9.	SI No.38	Preparing the surface and painting with				
	Page No.56	weather coat including rubbing the				
		surface with rubbing brick / sand paper,				
		filling the voids with chalk/ plaster of				
		Paris and then painting with weather	0/ 00	1055.00	1220.25	14012.02
		coat of approved make.	% Sft	1055.00	1328.25	14013.03
		2nd & Subsequent coat.	%Sft	1050.00	619.85	6539.41

1		T		1		
10.	SI No.6 Page	Reinforced cement concrete work including				
	No.17	all labour and material except the cost of				
		steel reinforcement and its labour for				
		bending and binding which will be paid				
		separately. This rate also includes all kinds				
		of forms moulds. Lifting shuttering curing				
		rendering and finishing the exposed surface				
		(including screening and washing of	D. CC	505.00	227.00	200515.00
	CIN OP	shingle). (i). Ratio (1:2:4)	P. Cft	595.00	337.00	200515.00
1.1	SI No.8 P	Fabrication of mild steel reinforcement				
11.	No.17	for cement concrete including cutting,				
		bending laying in position making joints				
		and fastenings including cost of binding				
		wire (also includes removal of rust)	P. Cwt	34.00	4820.20	163886.80
12.	SI No.27	Supplying & fixing special heavy type				
	Page No.93	steel doors for look-ups with angle iron				
		frame of 2- $\frac{1}{2}$ " to 2-1/2" x3/8" size and				
		shutter of 2" x 2" X 3/8" with 1"				
		diameter M.S Bars placed @ 4" center to				
		center with separate locking box having				
		size of 12" x 12" of M. Steel sheet				
		embedded in masonry with proper				
		locking arrangement as per approved				
		design including cost of erection of steel				
		gate and fixing in masonry wallin				
		cement concrete 1:2:4 etc complete as				
		per instruction of Engineer Incharge.	P. Sft	308.00	930.76	286674.08
	'	5	l .	Sub Head	"C" Total=	4553433.12
				Above %	,	
				Below %	_	
				Gra	and Total:-	
Sub F	Head "D"	CONSTRUCTION OF UNDERGRO	OUND		ANK 1500	0 GLN I/C
75 5275 -		SPRINKLERS.				
1.						
	SI No.18					
	SI No.18 Page No.4	Excavation in foundation or building				
	SI No.18 Page No.4	Excavation in foundation or building bridges and other structures including				
		Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around				
		Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering				
		Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft.	0% Cft	6400.00	3176 25	20328.00
	Page No.4	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (b). In ordinary soil.	0%Cft	6400.00	3176.25	20328.00
2.	Page No.4 SI No.22	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (b). In ordinary soil. Filling, Watering & Ramming earth	0%Cft	6400.00	3176.25	20328.00
	Page No.4	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (b). In ordinary soil. Filling, Watering & Ramming earth under floor with new earth (excavated)	0%Cft	6400.00	3176.25	20328.00
	Page No.4 SI No.22	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (b). In ordinary soil. Filling, Watering & Ramming earth under floor with new earth (excavated from outside) lead upto one chain and				
	Page No.4 SI No.22	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (b). In ordinary soil. Filling, Watering & Ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 feet. (Sand Filling).	0%Cft	6400.00	3176.25	20328.00
2.	Page No.4 SI No.22 Page No.04	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (b). In ordinary soil. Filling, Watering & Ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 feet. (Sand Filling). Making Embankment				
	SI No.22 Page No.04	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (b). In ordinary soil. Filling, Watering & Ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 feet. (Sand Filling). Making Embankment Filling watering and ramming earth in floors				
2.	Page No.4 SI No.22 Page No.04	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (b). In ordinary soil. Filling, Watering & Ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 feet. (Sand Filling). Making Embankment Filling watering and ramming earth in floors with surplus earth from foundation lead upto	P. Cft	2000.00	11.00	22000.00
3.	SI No.22 Page No.04 SI No.21 Page No.04	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (b). In ordinary soil. Filling, Watering & Ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 feet. (Sand Filling). Making Embankment Filling watering and ramming earth in floors with surplus earth from foundation lead upto one chain and lift upto 5 feet.				
2.	SI No.22 Page No.04 SI No.21 Page No.04 S.I No.02 P	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (b). In ordinary soil. Filling, Watering & Ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 feet. (Sand Filling). Making Embankment Filling watering and ramming earth in floors with surplus earth from foundation lead upto one chain and lift upto 5 feet. Dry rammed brick or stone ballast 1 1/2"	P. Cft	2000.00	11.00	22000.00 3025.00
 2. 3. 4. 	SI No.22 Page No.04 SI No.21 Page No.04 S.I No.02 P No.15	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (b). In ordinary soil. Filling, Watering & Ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 feet. (Sand Filling). Making Embankment Filling watering and ramming earth in floors with surplus earth from foundation lead upto one chain and lift upto 5 feet. Dry rammed brick or stone ballast 1 1/2" to 2" gauge.	P. Cft	2000.00	11.00	22000.00
3.	SI No.22 Page No.04 SI No.21 Page No.04 S.I No.02 P No.15 SI No.04	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (b). In ordinary soil. Filling, Watering & Ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 feet. (Sand Filling). Making Embankment Filling watering and ramming earth in floors with surplus earth from foundation lead upto one chain and lift upto 5 feet. Dry rammed brick or stone ballast 1 1/2" to 2" gauge. Cement Concrete Brick or Stone Ballast	P. Cft	2000.00	11.00	22000.00 3025.00
 2. 3. 4. 	SI No.22 Page No.04 SI No.21 Page No.04 S.I No.02 P No.15	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (b). In ordinary soil. Filling, Watering & Ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 feet. (Sand Filling). Making Embankment Filling watering and ramming earth in floors with surplus earth from foundation lead upto one chain and lift upto 5 feet. Dry rammed brick or stone ballast 1 1/2" to 2" gauge. Cement Concrete Brick or Stone Ballast 1 1/2" to 2" gauge.	P. Cft 0%Cft %Cft	2000.00 2000.00 240.00	11.00 1512.50 3327.50	22000.00 3025.00 7986.00
 3. 4. 5. 	SI No.22 Page No.04 SI No.21 Page No.04 S.I No.02 P No.15 SI No.04 Page No.15	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (b). In ordinary soil. Filling, Watering & Ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 feet. (Sand Filling). Making Embankment Filling watering and ramming earth in floors with surplus earth from foundation lead upto one chain and lift upto 5 feet. Dry rammed brick or stone ballast 1 1/2" to 2" gauge. Cement Concrete Brick or Stone Ballast 1 1/2" to 2" gauge. (b). Ration 1:4:8	P. Cft	2000.00	11.00	22000.00 3025.00
 2. 3. 4. 	SI No.22 Page No.04 SI No.21 Page No.04 S.I No.02 P No.15 SI No.04 Page No.15 SI No.11	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (b). In ordinary soil. Filling, Watering & Ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 feet. (Sand Filling). Making Embankment Filling watering and ramming earth in floors with surplus earth from foundation lead upto one chain and lift upto 5 feet. Dry rammed brick or stone ballast 1 1/2" to 2" gauge. Cement Concrete Brick or Stone Ballast 1 1/2" to 2" gauge. (b). Ration 1:4:8 Cement Plaster 1:4 upto 12' height.	P. Cft 0%Cft %Cft	2000.00 2000.00 240.00	11.00 1512.50 3327.50 9416.28	22000.00 3025.00 7986.00 22599.07
 3. 4. 5. 	SI No.22 Page No.04 SI No.21 Page No.04 S.I No.02 P No.15 SI No.04 Page No.15 SI No.11	Excavation in foundation or building bridges and other structures including dabbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5ft. (b). In ordinary soil. Filling, Watering & Ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 feet. (Sand Filling). Making Embankment Filling watering and ramming earth in floors with surplus earth from foundation lead upto one chain and lift upto 5 feet. Dry rammed brick or stone ballast 1 1/2" to 2" gauge. Cement Concrete Brick or Stone Ballast 1 1/2" to 2" gauge. (b). Ration 1:4:8	P. Cft 0%Cft %Cft	2000.00 2000.00 240.00	11.00 1512.50 3327.50	22000.00 3025.00 7986.00

7.	SI No.5	Providing & Fixing handle valves china)	Each	17.00	365.42	6212.14
	Page No.17	(iii) 1" dia	Each	03.00	1382.92	4148.76
0	CIN (P	(vi) 2" dia.	D. CC	025.00	227.00	270025.00
8.	SI No.6 Page No.17	Reinforced cement concrete work including all labour and material except the cost of	P. Cft	825.00	337.00	278025.00
	N0.17	steel reinforcement and its labour for				
		bending and binding which will be paid				
		separately. This rate also includes all kinds				
		of forms moulds. Lifting shuttering curing				
		rendering and finishing the exposed surface				
		(including screening and washing of				
	CIN OB	shingle). (i). Ration (1:2:4)				
9.	SI No.8 P	Fabrication of mild steel reinforcement				
	No.17	for cement concrete including cutting,				
		bending laying in position making joints				
		and fastenings including cost of binding	D. C4	120.00	4920.20	579424 00
10.	SI No.1	wire (also includes removal of rust)	P. Cwt	120.00	4820.20	578424.00
10.	Page No.12	Providing G.I pipes, specials and clamps etc including fixing cutting & fitting				
	rage No.12	complete with and including the cost of				
		breaking through walls and roof, making				
		good etc. Painting two coats after				
		cleaning the pipe etc with white zink				
		paint with pigment to match the colours				
		of the building and testing with water to				
		pressure head of 200 feet and handling.				
		(ii). 1" Dia G.I Pipe.	P. Rft	670.00	128.55	86128.50
		(vi). 2" Dia G.I Pipe.	P. Rft	2275.00	233.00	530075.00
				Sub Head	"D" Total=	1605086.85
				Above	%	
				Below	%	
					and Total:-	
Sub E	Iead "E"	CONSTRUCTION OF MULTIPURPO	SE GRA	SSY GROU	<u>ND.</u>	
1.	SI No.22	Filling, Watering & Ramming earth				
	Page No.04	under floor with new earth (excavated				
		from outside) lead upto one chain and				
		lift upto 5 feet. (Sweet Earth).	C C	52700.00	11.00	570700 00
2	CI No 27	Trufing along of houles on lawns with	Cft	52700.00	11.00	579700.00
2.	SI No.27	Turfing slops of banks or lawns with grass sods including ploughing laying,				
	Page No.05	setting and watering (Turf got from				
		within a distance of 5 miles and				
		maintenance for 15 days).	%Sft	211000	1210.00	2553100.00
	l	mamonance for 10 days).	/0010		"E" Total=	3132800.00
				Above		2122000:00
				Below		
					and Total:-	
				GI	anu i viai.•	

Sub I	Head "F"	CONSTRUCTION OF PAVILION.				
1	S.I No.18	Excavation in foundation or building	0%Cft	4000.00	3176.25	12705.00
•	SP:17.1	bridges and other structures including	070 010	1000.00	3170.20	12702.00
	52 12712	dabbling dressing, refilling around				
		structure with excavated earth Watering				
		and ramming lead upto 5ft.				
		(b). In ordinary soil.				
2	SI No.29	Supplying and filling sand under floor	% Cft	1300.00	1141.25	14836.25
	Page No.26	and plugging in walls.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			- 100 01-0
3	SI No.2 Page	Dry rammed brick or stone ballast 1 1/2"	% Cft	1885.00	3327.50	62723.37
	No.15	to 2" Gauge.				
4	S.I No.04	Cement Concrete Brick or Stone Ballast	% Cft.	560.00	9416.28	52731.16
	SP:20.1	1 ½" to 2" gauge.				
		b. Ratio 1:4:8				
5	S.I No.21 SP	Backfilling.	%0Cft	8400.00	1512.50	12705.00
	No.17.10 P.	Filling watering and ramming earth in				
	No.04	floors with surplus earth from foundation				
		lead upto one chain and lift upto 5 feet.				
6	S.I No. 1	Foundation	% Cft	1100.00	17723.00	194953.00
	P.No.27	Random, rubble masonry (un coursed)				
		(b) In cement sand mortar				
		(iv) Ratio. 1:6				
7	S.I No. 1	Plinth	% Cft	1100.00	25321.00	278531.00
	P.No.27	Random, rubble masonry (coursed)				
		(b) In cement sand mortar				
		(iv) Ratio. 1:6				
8	SI No.23	Providing and laying 1:3:6 cement	% Cft	3070.00	14621.44	448878.20
	Page No. 19	concrete solid block masonry wall above				
		6" in thickness set in 1:6 cement mortar				
		in G.F Ground Floor super structure				
		including raking out joints & curing etc,				
		complete				
9	SI No. 05	Pacca brick work in ground floor in:	% Cft	765.00	12674.36	96958.85
	Page No. 21	I Cement sand mortar (1:6)				
10	S.I No. 11 SP	Cement Plaster 1:4 upto 12' height.	% Sft	22850.00	3015.76	689101.16
	P. No.52	I 3/4" thick.				
11	SI No.29	Preparing surface and painting with	%Sft	11000.00	847.99	93278.90
	Page No.72	Emulsion paint.		44000		=~
	G 7 17 40 G7	(2 ND & Subsequent coat).	%Sft	11000.00	457.38	50311.80
12	S.I No. 38. SP	(A) Preparing the surface and painting with	%Sft	5150.00	1328.25	68404.87
	No.25.8 P.No.56	weather coat i/c rubbing the surface with rubbing brick / sand paper. Filling the voids				
	1 .110.30	with chalk/ plaster of Paris and then painting				
		with weather coat of approved make.				
		(B) 2 nd & subsequent coat.	%Sft	5150.00	619.85	31922.27
13	SI No.84	Supplying and fixing in position Aluminum	P. Sft	818.00	1592.69	1302820.42
	Page No.108	channels framing for sliding windows and				
		ventilators of Alcop made with 5 mm thick				
		tinted glass glazing (Belgium) and				
		Aluminum fly screen including handles				
		stoppers and locking arrangement etc complete.				
		(a). Deluxe Model (white).				
	Î.	(4). 2010/10 1/10001 (7/1110).	i .	1	Ī	

14	SI No.29	Providing and fixing G.I frame /				
	Page No,93	Chowkats of size 7" x 2" or 41/2 x 3" for Doors using 20 gauge G.I sheet				
		including welded hinges and fixing at				
		site with necessary hold fasts, filing with				
		cement sand slury of ration 1:6 and				
		repairing the jambs. The cost also				
		including all carriage, tools and plants	D DG	270.00	228.00	<i>(</i> 1902.00
1.5	CI No 51	used in making and fixing.	P. Rft	270.00	228.90	61803.00
15	SI No.51 Page No.64	Providing and fixing in position door and windows and ventilator for first	P. Sft	315.00	1245.96	392477.40
	1 age 110.04	class deodar wood frames 1 1/2" thick				
		and teak wood ply shulters of forst class				
		deodar wood skelton (Solid) stiled and				
		ply wood stilled and rails core of Partal				
		wood and teak ply wood (3 ply) on both				
		sides including hold fasts hinges al-drops				
		iron tower bolts handles cleats with cord				
	GY NY OF	etc. complete.	0/ 00	707.00	11200 77	0061660
16	SI No. 05	Cement Concrete plain including placing	% Cft	785.00	11288.75	88616.68
16	Page No. 16	compacting finishing and curing, complete (including screening and				
		washing at stone aggregate without				
		shuttering.				
		(i) Ratio 1:4:8				
17	SI No.28	Lying of White marble flooring fine	P. Sft	2150.00	567.48	1220082.00
	Page No.43	dressed on the surface without winding				
		set in lime mortar 1:2 including rubbing				
		and polishing of the joints.				
18	SI No.25 P	(a). 3/4" thick flooring. Laying floors of approved coloured	%Sft	2000.00	27747.06	554941.20
10	No.43	glazed tiles 1/4" thick laid I white	%SIL	2000.00	27747.00	334941.20
	110.43	cement and pigment on a bed of 3/4"				
		thick cement mortar 1:2.				
19	SI No.25 P	Painting doors and windows any type.				
	No.43	First Coat				
		Each subsequent coat.	% Sft	765.00	657.91	5033.01
20	GIN A D		% Sft	765.00	502.15	3841.44
20	SI No.3 Page	Providing and fixing orisa type white or				
	No.02	colour glazed earthen ware w.c pan with cost of low level plastic flush tank of 3				
		gallons capacity of approved quality i/c				
		making requisite number of holes in				
		wall, plinth and floor and making good				
		in cement concrete 1:2:4				
		A. W.C pan orisa type 23" with plastic				
		tank of low down 3 gallons C.I trap &				
		C.I Thumble (Superior Quality).				
		(i). With 4" dia C.I Trap.	Dook	04.00	5026.60	22246 40
			Each	04.00	5836.60	23346.40

21	SI No. 4 Page No: 02	Providing & European type white glazed earthen were wash down w.c pan complete with & laid with C.P brass hinges best quality and buffers 3 gallons plastic flushing cistern with internal fitting with fitting and clamp 3/4" dia and cutting and making requisite number of holes in walls plinth & floor for pipe connection & making good in cement concrete 1:2:4.	Each	02.00	5339.40	10678.80
22	SI No. 8 Page No.3	Providing and fixing 24" x 18" lavatory basin in white glazed earthen ware complete with & i/c the cost of W.I OR C.I cantilever brackets 6 inches built into wall, painted white in two coat after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malleable iron or C.P Brass traps malleable iron or brass union and making requisite number of holes in walls, plinth and floor for pipe connection and making good in cement concrete 1:2:4	Each	4.00	4253.70	17014.80
23	SI No.22 Page No.19	Supplying and fixing bath room accessories set (7 pieces i/c towel rod, brush holder, soap try, shelf of approved quality and design etc complete.	Each	06.00	8122.40	48734.40
24	SI No.1 Page No.16	Supplying and fixing in position brass bib cocks. (i). (b). 1/2" dia Brass bib cock, standard pattern.	Each	12.00	337.92	4055.04
25	SI No.11 Page No.18	Concealed C.P fittings of superior quality for tiles Bath Rooms. (a). Supply and fixing concealed Stop Cock of superior quality with C.P head 1/2" dia	Each	24.00	478.28	11478.72
26	SI No. 15 Page No.19	Supplying & fixing jet shower with rod of superior quality single c.p head ½'' dia.	Each	02.00	1142.24	2284.48
27	SI No.14 Page No.19	(b). Supplying / fixing wash basin mixture of superior quality with C.P head 1/2" dia.	Each	04.00	3179.00	12716.00
28	SI No.19 Page NO.19	(a). Supplying and fixing C.P Muslim Shower with double Bib Cock & Ring Pipe etc complete.	Each	2.00	3432.00	6864.00
29	SI No.1 Page No.24	I-GUILLY TRAP Providing and fixing 6" x 4" C.C Gully Trap with 4" outlet complete with 4" thick 1:2:4 C.C. for bed & 1/2" thick cement plaster (1:3) to the karb, C.I grating 6" x 6" and C.I Cover and frame 12" x 12" (inside) etc complete. (i). With C.I Cover & Frame.	Each	12.00	1193.17	14318.04
30	SI No.1 Page No.07	Providing & fixing chrome plated brass towel rail complete with brackets fixing on wooden cleats with 1" long c.p brass screws (1) Towel rail 36" long (a) 3/4" dia round or square (Standard Pattern)	Each	02.00	1269.95	2539.90

31	SI No.1 Page No.07	Providing & fixing c.p brass toilet paper holder of stander size with chrome plated brass brackets complete (Similar to twyfords design no.1108) (a) Standard Pattern.	Each	02.00	572.00	1144.00
32	SI No.1 Page No.07	Providing & fixing 24"x18" bavelled mirror of Belgium glass complete with 1/8" thick hard board and c.p screws fixed to wooden pleat. (a) Standard Pattern.	Each	04.00	1711.60	6846.40
33	SI No.1 Page No.07	Supplying & fixing soap tray earthen ware with c.p screws etc complete	Each	02.00	497.20	994.40
34	SI No.3 Page No.21	Supplying and fixing fiber glass tank of approved quality and design and wall thickness as specified i/c cost of nuts, bolts and fixing in platform of cement concrete 1:3:6 and making connections for in-let & out-let & over flow pipes etc complete. (a). 250 Gallons Wall thickness 3.5 mm	Each	2.00	21989.61	43979.22
35	SI No. 52 Page No. 64	Supplying and fixing false ceiling of plaster of Paris, in panels including making frame, work of Deodar wood including painting with Soligia paint.	% Sft	1140.00	25293.42	288344.98
36	S.I No.01 (P) CH: P.H.Work P. No.46	Constructing manhole or inspection chamber for the required diameter of circular sewer and 3'-6" (1067mm) depth with walls of B.B in cement sand mortar 1:3 cement walls and 1" (25mm)n thick over benching and channel i/c fixing C.I manhole cover with frame of clear opening 1-1/2' x 1-1/2' (457x457mm) of 1.75 cwt. (88.9 kg) embedded in plain C.C 1:2:4 and fixing 1" (25mm) dia M.S Steps 6" (150mm) wide projecting 4" (102mm) from the face of wall at 12" (305mm) C/C duly painted etc. complete as per standard specification and drawing.	70 SIL	1140.00	23273.42	200344.70
37	S.I No. 6 A SP No.20.40 P. No.16/17	(a) 4"to 12" dia 2'x2'x3'.6" R.CC work in roof slab, beams columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respect. (I) Ratio (1:2: 4) 90 Lbs. Cement 2 Cft sand 4 Cft .shingle 1/8 to ½ gauge.	Each P. Cft	05.00 4880.00	14748.00 337.00	73740.00 1644560.00
38	S.I No. 08 SP No.20.40 P. No.17	Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position making joints and fastenings including cost of binding wire also includes removal of rust. (B) Using Tor bars	P.Cwt	376.00	5001.70	1880639.20
39	S.I No. 30 P. No.94	Providing and fixing iron steel grill using solid square bars of size ½" x ½" placed at 4" and frame of flat iron Patti of ¾" x ¾" i/c circle shape at 1-0 apart equivalent fitted with screws are pins i/c painting 3 coats with 1st coat of red oxide paints etc.	P. Sft	740.00	194.16	143678.40

40	S.I No. 32 P.	Providing and fixing iron collapsible gate	P.Sft	200.00	387.04	77408.00
	No.94	with channel framing of section ³ / ₄ ''x5/16''				
		at 4" revitted with 3/4" x1/8" flat iron patti				
		placed diagonally and provided with top &				
		bottom T-section 1" x 1" 1/8" along with				
		rollers also I/c locking arrangement and				
41	SI NO.8 Page	fixing in floor/ceiling or wall etc completed. Providing G.I Pipes, specials and clamps etc				
41	No.03	including fixing cutting &fitting complete				
	110.02	with and including the cost of breaking				
		through walls and roof making good etc				
		painting two coats after cleaning the pipe etc				
		with white zink paint with pigment to match				
		the colours of the building and testing with				
		water to pressure head of 200 feet and				
		handling. (ii). ³ / ₄ '' dia GI Pipe.				
		(ii). 1" dia GI Pipe.	P. Rft	285.00	95.79	27300.15
		(iii). I dia GIT ipc.	P. Rft	100.00	128.55	12855.00
	S.I No.01	Providing, Laying UPVC Pressure Pipes of				
42	P.H.Work P.	Class "B" (equivalent make) fixing in				
	No.22	trench i/c cutting, fitting and jointing with				
		'Z' joint with one rubber ring i/c testing with				
		water to a head 61 meter or 200 ft (b) 100 mm (4" dia)	P. Rft	100.00	137.00	13700.00
		(d) 150 mm (6'' dia)	P. Rft	260.00	262.00	68120.00
43	SI No.124	Wiring for light or fan point with 3/.029	1,111,	200100	202.00	00120.00
	Page No.15	PVC insulated wire in 20mm (3/4") PVC				
		conduit recessed in the wall or column as	P.			
		required.	Point	75.00	1130.00	84750.00
44	SI No.126	Wiring for plug point with 3/.029 PVC				
	Page No.15	insulated wire in 20mm (3/4") PVC	D			
		conduit recessed in he wall or column as	P.	20.00	005.00	10700 00
15	CT N. 120	required.	Point	20.00	985.00	19700.00
45	SI No.128	Wiring for call bell point with 3/.029				
	Page No.15	PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as	P.			
		required.	Point	07.00	1764.00	12348.00
46	SI No.227	Providing and fixing three pin 10/15	1 OIIIt	07.00	1704.00	123-0.00
1 0	Page No.33	amp plug & socket flush type.	P. No	18.00	162.00	2916.00
47	SI No.11	Providing and laying (Main or Sub	1.110	10.00	102.00	2710.00
17	Page No.02	Main) PVC insulated with size 2-				
	1 480 110102	7/.036 copper conductor in 3/4" dia PVC				
		conduit recessed in the wall or column as	P.			
		required.	Meter	50.00	252.00	12600.00
48	SI No.113	Providing & laying (Main or Sub Main)				
	Page No.13	PVC insulated & PVC sheeted with 4				
		core Armoured copper conductor	P.			
		600/1000 volts size 16mm2.	Meter	160.00	1679.00	268640.00
49	SI No. 203	Providing & fixing circuit breaker				
	Page No. 31	6,10,15,20,30,40,50, and 63 amp SP				
		(TB-5S) on prepared board as required.	P. No	18.00	916.00	16488.00
50	SI No.197	Providing & fixing D.P I/C & change				
	Page No.30	over switch 500 volts 100 amp on a	D M	01.00	7612.00	7.42.00
		prepared board.	P. No	01.00	7612.00	7612.00

51	SI No.228	Providing & Fixing Bakelite ceiling rose				
	Page No.33	with two terminals.	P. No	20.00	72.00	1440.00
52	SI No. 235	Providing & Fixing Brass Ceiling Fan				
	Page No.34	56" Inches (Good Quality).	P. No	12.00	3185.00	38220.00
53	SI No.236	Providing & fixing Brass Bracket Fan				
	Page No.34	18" (Good Quality)	P. No	04.00	2791.00	11164.00
Part	"B" Old Schedu	le Items 2004				
54	SI No.08	Providing and fixing earthing set with				
	Page No.14	2x2x1/4" copper plate buried in ground				
		at a depth of 12" or less if water comes				
		out from the ground level with salt and				
		chorcoal etc i/c making the pit 12" deep				
		by excavation of all type of soil. Earth				
		plat to be connected with No.8	Each	01.00	3610.04	3610.04
55	SI No.01	Providing & Fixing of 1-40 watts tube				
	Page No.33	light complete with 40 watts 4.0" long				
		rod chock, starter and Patti with Philips				
		components i/c necessary electric				
		connection and fixing wall or ceiling etc				
		complete.	Each	25.00	396.00	9900.00
56	SI No.02	Providing & fixing A.C ceiling fan				
	Page No.14	regulator on metal board recessed in the				
		walls column and covered with plastic				
		sheet.	Each	12.00	124.30	1491.60
57	SI No.06	Providing & fixing of Energy sever				
	Page No.33	superior quality i/c fixing on existing				
		holder etc complete.	Each	20.00	497.00	9940.00
				Sub Head "	F" Total=	10675815.95
				Above %	6	
				Below %	6	
				Gra	nd Total:-	
					L	

NON SCHEDULE ITEMS

S. No	S.I No.	Description	Unit	Qty	Rate	Amount
1	NSI	Supply & fixing of 5mm thick of double layer				
		of polythene sheet as specified.	P. Sft	6615.00		
2	NSI	Marking & Paint on surface.	P. Sft	6615.00		
3.	NSI	Goal Posts of Basket Ball Court.	Set	1.00		
4.	NSI	Supply and fixing of tube light 60 watts				
		complete in all respects (Philips or equivalent).	Each	4.00		
5.	NSI	Supply & Fixing Motor Electric AC, 400V 3 phase, 50 cycles 145/2900 rpm, 2 Hp.	Each	1.00		
6.	NSI	Drilling bore hole, 50mm dia deep 0'.00" to 100, depth including piping in all respects as per instruction of Engineer Incharge.	Each	1.00		
7.	NSI	Supply & Fixing of Sprinklers System with all	Each	20.00		
8.	NSI	respects as per instruction of Engineer Incharge. Supply & Fixing of Football Goal Post	Eacii	20.00		
0.	1101	including Nylon Net with all respects as per				
		instruction of Engineer Incharge.	Set	1.000		
9.	NSI	Cricket Pitch as per standard size and 03 Nos				
		Turf Wickets in all respects as per instruction of	T - 1-	1 000		
		Engineer Incharge.	Job	1.000		
10	NOT	Description and Electric of Character Control				
10.	NSI	Providing and Fixing of fiber glass Seats Including Cost of Steel frame, rawal bolts				
		etc, fixing complete all respects as per				
		drawings and instructions of the engineer				
		Incharge.	Each	1130.00		
11.	NSI	Supply and fixing of fiber glass truss 5mm				
		thick of fiber glass including all truss work				
		weather proof extra after coating weather				
		resistant warranty 55°C and -03°C warranty				
		of fiber glass 10 years.	Sft	9120.00		
	Fiber Gl	ass Truss & Chairs on Pavilion.				
12.	NSI	Providing and Fixing of fiber glass Seats				
		Including Cost of Steel frame, rawal bolts				
		etc, fixing complete all respects as per				
		drawings and instructions of the engineer	Each	200.00		
13.	NSI	Incharge. Supply and fixing of fiber glass truss 5mm	Each	300.00		
13.	1191	thick of fiber glass including all truss work				
		weather proof extra after coating weather				
		resistant warranty 55°C and -03°C warranty				
		of fiber glass 10 years.	Sft	2554.00		
14.	NSI	Supply and fixing of stainless steel railing				
		in vip enclosure in pavilion as per				
		instruction of Engineer Incharge.	P. Sft	240.00		
15.	NSI	Supply and fixing of MS Railing Pipe in				
		Pavilion as per instruction of Engineer		4400		
		Incharge.	P. Sft	1100.00		
					Grand Total=	

SCHEDULE - B TO BID

*SPECIFIC WORKS DATA (To be prepared and incorporated by the Procuring Agency) *(Note: The Procuring Agency shall spell out the information & data required to be filled out

by the bidder and to furnish complementary information).

SCHEDULE - C TO BID

WORKS TO BE PERFORMED BY SUBCONTRACTORS*

The bidder will do the work with his own forces except the work listed below which he intends to sub-contract.

Items of Works to be Sub-Contracted

Name and address of Sub-Contractors

Statement of similar works previously executed. (attach evidence)

Note:

* The Procuring Agency should decide whether to allow subcontracting or not.

In case Procuring Agency decides to allow subcontracting then following conditions shall be complied with:

- 1. No change of Sub-Contractors shall be made by the bidder without prior approval of the Procuring Agency.
- 2. The truthfulness and accuracy of the statement as to the experience of Sub-Contractors is guaranteed by the bidder. The Procuring Agency's judgment shall be final as to the evaluation of the experience of Sub-Contractors submitted by the bidder.
- 3. Statement of similar works shall include description, location & value of works, year completed and name & address of the clients.

PROPOSED PROGRAMME OF WORKS

Bidder shall provide a programme in a bar-chart or Program Evaluation and Review Technique (PERT) or Critical Path Method (CPM) showing the sequence of work items by which he proposes to complete the works of the entire Contract. The programme should indicate the sequence of work items and the period of time during which he proposes to complete the works including the activities like designing, schedule of submittal of drawings, ordering and procurement of materials, manufacturing, delivering, construction of civil works, erection, testing and commissioning of works to be supplied under the Contract.

METHOD OF PERFORMING WORKS

The bidder is required to submit a narrative outlining the method of performing the Works. The narrative should indicate in detail and include but not be limited to:

- The sequence and methods in which he proposes to carry out the Works, including the number of shifts per day and hours per shift, he expects to work.
- A list of all major items of construction and plant erection, tools and vehicles proposed to be used in delivering/carrying out the works at site.
- The procedure for installation of equipment and transportation of equipment and materials to the site.
- Organization chart indicating head office & field office personnel involved in management, supervision and engineering of the Works to be done under the Contract.

[Contractor]

(INTEGRITY PACT)

DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC PAYABLE BY CONTRACTORS

(FOR CONTRACTS WORTH RS. 10.00 MILLION OR MORE) Contract No._____ Dated _____ Contract Value: Contract Title: procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Sindh (GoS) or any administrative subdivision or agency thereof or any other entity owned or controlled by it (GoS) through any corrupt business practice. Without limiting the generality of the foregoing, [name of Contractor] represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from from Procuring Agency (PA) except that which has been expressly declared pursuant hereto. [name of Contractor] accepts full responsibility and strict liability that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with PA and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty. [name of Contractor] accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other rights and remedies available to PA under any law, contract or other instrument, be avoidable at the option of PA. Notwithstanding rights remedies exercised by PA in anv and this regard. **Iname** of Supplier/Contractor/Consultant] agrees to indemnify PA for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to PA in an amount equivalent to ten time the sum of any commission, gratification, bribe, finder's fee or kickback given by [name of Contractor] as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from PA.

[Procuring Agency]

SCHEDULE - G TO BID

(SPECIAL STIPULATIONS)

The Stipulations outlined hereunder in the form of a Table summaries certain terms and conditions which are set forth in the Instructions to Tenderers, General Conditions of the Contract and Special Provisions and these Stipulations form and integral part of the Contract.

1.	Amount of Earnest Money	2% (Two percent) of the Tendered Price.
2.	Form of Earnest Money	Either a Pay Order of Deposit-at-Call from a Schedule Bank of Pakistan in favour of Executive Engineer Sports & Youth Affairs Department Government of Sindh, Karachi.
3.	Release of Earnest Money	i). To be returned to the successful bidder with completion of job release with security deposit.
		ii). To be returned to the unsuccessful tenderes after signing of agreement with the successful Tenderer within ninety days of tender opening at the latest.
4.	Time of signing of formal Agreement with the successful Tenderer. Time of commencement of works	Within 14 (Fourteen) days of the date of issue of the Notice of Award. Within (fifteen) days of the Engineer's order to commence works.
6	Time of completion of Works.	15 Calendar months from the date of commencement of works.
7	Period of Maintenance	06 Calendar months from the date of issue of the Certificate of Completion.
8	damages for non completion of the	0.05% of the Contract Price per day.
9	works within stipulated time. Maximum limit of liquidated damages Price.	10% (ten percent) of the Contract.
10	Retention Money	5% (five percent) of gross amounts of work done as certified in monthly interim payment certificates.
11	Limit of Retention Money	6% (Six percent) of the contract price upto limit of 5%.
12	Release of Retention Money	On issue of Maintenance Certificate.
13	Mobilization Advance	i). 10% (Ten percent) of the contract price against an irrevocable Bank Guarantee of a Schedule Bank of Pakistan or Insurance Company AA Rating.

		ii). To be recovered at the rate of 10% (Ten percent) of gross amount of work done from Interim Payment Requests. Balance if any shall be adjusted in the final bill of Contractor.
14.	Income Tax Deduction	Advance deduction as per Government Rules of Income Tax at source shall be made on all the interim/ running payments & final payment to Contractor.
		Signature of the Tenderer:
		Seal of the Tenderer:
		Date:
	Witness:	
	witness.	
	1	
	2	

CONDITIONS OF CONTRACT

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CONDITIONS OF CONTRACT

1. GENERAL PROVISIONS

1.1 **Definitions**

In the Contract as defined below, the words and expressions defined shall have the following meanings assigned to them, except where the context requires otherwise:

The Contract

- 1.1.1 "Contract" means the Contract Agreement and the other documents listed in the Contract Data.
- 1.1.2 "Specifications" means the document as listed in the Contract Data, including Procuring Agency's requirements in respect of design to be carried out by the Contractor (if any), and any Variation to such document.
- 1.1.3 "Drawings" means the Procuring Agency's drawings of the Works as listed in the Contract Data, and any Variation to such drawings.

Persons

- 1.1.4 "Procuring Agency" means the person named in the Contract Data and the legal successors in title to this person, but not (except with the consent of the Contractor) any assignee.
- 1.1.5 "Contractor means the person named in the Contract Data and the legal successors in title to this person, but not (except with the consent of the Procuring Agency) any assignee.
- 1.1.6 "Party means either the Procuring Agency or the Contractor.

Dates, Times and Periods

- 1.1.7 "Commencement Date means the date fourteen (14) days after the date the Contract comes into effect or any other date named in the Contract Data.
- 1.1.8 "Day means a calendar day.
- 1.1.9 "Time for Completion means the time for completing the Works as stated in the Contract Data (or as extended under Sub-Clause 7.3), calculated from the Commencement Date.

Money and Payments

1.1.10 "Cost means all expenditure properly incurred (or to be incurred) by the Contractor, whether on or off the Site, including overheads and similar charges but does not include any allowance for profit.

Other Definitions

- 1.1.11 "Contractor's Equipment means all machinery, apparatus and other things required for the execution of the Works but does not include Materials or Plant intended to form part of the Works.
- 1.1.12 "Country means the Islamic Republic of Pakistan.
- 1.1.13 "Procuring Agency's Risks means those matters listed in Sub-Clause 6.1.
- 1.1.14 "Force Majeure means an event or circumstance which makes performance of a Party's obligations illegal or impracticable and which is beyond that Party's reasonable control.
- 1.1.15 "Materials" means things of all kinds (other than Plant) to be supplied and incorporated in the Works by the Contractor.
- 1.1.16 'Plant means the machinery and apparatus intended to form or forming part of the Works.
- 1.1.17 "Site" means the places provided by the Procuring Agency where the Works are to be executed, and any other places specified in the Contract as forming part of the Site.
- 1.1.18 "Variation means a change which is instructed by the Engineer/Procuring Agency under Sub-Clause 10.1.
- 1.1.19 "Works" means any or all the works whether Supply, Installation, Construction etc. and design (if any) to be performed by the Contractor including temporary works and any variation thereof.
- 1.1.20 "Engineer means the person notified by the Procuring Agency to act as Engineer for the purpose of the Contract and named as such in Contract Data.

1.2 **Interpretation**

Words importing persons or parties shall include firms and organizations. Words importing singular or one gender shall include plural or the other gender where the context requires.

1.3 **Priority of Documents**

The documents forming the Contract are to be taken as mutually explanatory of one another. If an ambiguity or discrepancy is found in the documents, the priority of the documents shall be in accordance with the order as listed in the Contract Data.

1.4 **Law**

The law of the Contract is the relevant Law of Islamic Republic of Pakistan.

1.5 Communications

All Communications related to the Contract shall be in English language.

1.6 **Statutory Obligations**

The Contractor shall comply with the Laws of Islamic Republic of Pakistan and shall give all notices and pay all fees and other charges in respect of the Works.

2. THE PROCURING AGENCY

2.1 **Provision of Site**

The Procuring Agency shall provide the Site and right of access thereto at the times stated in the Contract Data.

Site Investigation Reports are those that were included in the bidding documents and are factual and interpretative reports about the surface and subsurface conditions at the Site.

2.2 **Permits etc.**

The Procuring Agency shall, if requested by the Contractor, assist him in applying for permits, licenses or approvals which are required for the Works.

2.3 Engineer's/Procuring Agency's Instructions

The Contractor shall comply with all instructions given by the Procuring Agency or the Engineer, if notified by the Procuring Agency, in respect of the Works including the suspension of all or part of the works.

2.4 Approvals

No approval or consent or absence of comment by the Engineer/Procuring Agency shall affect the Contractor's obligations.

3. ENGINEER'S/PROCURING AGENCY'S REPRESENTATIVES

3.1 **Authorized Person**

The Procuring Agency shall appoint a duly authorized person to act for him and on his behalf for the purposes of this Contract. Such authorized person shall be duly identified in the Contract Data or otherwise notified in writing to the Contractor as soon as he is so appointed. In either case the Procuring Agency shall notify the Contractor, in writing, the precise scope of the authority of such authorized person at the time of his appointment.

3.2 Engineer's/Procuring Agency's Representative

The name and address of Engineer's/Procuring Agency's Representative is given in Contract Data. However the Contractor shall be notified by the Engineer/Procuring Agency, the delegated duties and authority before the Commencement of works.

4. THE CONTRACTOR

4.1 General Obligations

The Contractor shall carry out the properly and in accordance with the Contract. The Contractor shall provide all supervision, labour, Materials, Plant and Contractor's Equipment which may be required

4.2 Contractor's Representative

The Contractor shall appoint a representative at site on full time basis to supervise the execution of work and to receive instructions on behalf of the Contractor but only after obtaining the consent of the Procuring Agency for such appointment which consent shall not be withheld without plausible reason(s) by the Procuring Agency. Such authorized representative may be substituted/ replaced by the Contractor at any time during the Contract Period but only after obtaining the consent of the Procuring Agency as aforesaid.

4.3 **Subcontracting**

The Contractor shall not subcontract the whole of the works. The Contractor shall not subcontract any part of the works without the consent of the Procuring Agency.

4.4 **Performance Security**

The Contractor shall furnish to the Procuring Agency within fourteen (14) days after receipt of Letter of Acceptance a Performance Security at the option of the bidder, in the form of Payee's order /Bank Draft or Bank Guarantee from scheduled bank for the amount and validity specified in Contract Data.

5. DESIGN BY CONTRACTOR

5.1 Contractor's Design

The Contractor shall carry out design to the extent specified, as referred to in the Contract Data. The Contractor shall promptly submit to the Engineer/Procuring Agency all designs prepared by him, within fourteen (14) days of receipt the Engineer/Procuring Agency shall notify any comments or, if the design submitted is not in accordance with the Contract, shall reject it stating the reasons.

The Contractor shall not construct any element of the works designed by him within fourteen (14) days after the design has been submitted to the Engineer/Procuring Agency or which has been rejected. Design that has been rejected shall be promptly amended and resubmitted. The Contractor shall resubmit all designs commented on taking these comments into account as necessary.

5.2 **Responsibility for Design**

The Contractor shall remain responsible for his bided design and the design under this Clause, both of which shall be fit for the intended purposes defined in the Contract and he shall also remain responsible for any infringement of any patent or copyright in respect of the same. The Engineer/Procuring Agency shall be responsible for the Specifications and Drawings.

6. PROCURING AGENCY'S RISKS

6.1 The Procuring Agency's Risks

The Procuring Agency's Risks are:-

- a) War, hostilities (whether war be declared or not), invasion, act of foreign enemies, within the Country;
- b) Rebellion, terrorism, revolution, insurrection, military or usurped power, or civil war, within the Country;
- c) riot, commotion or disorder by persons other than the Contractor's personnel and other employees including the personnel and employees of Sub-Contractors, affecting the Site and/or the Works;
- d) Ionizing radiations, or contamination by radio-activity from any nuclear fuel, or from any nuclear waste from the combustion of nuclear fuel, radio-active toxic explosive, or other hazardous properties of any explosive nuclear assembly or nuclear component of such an assembly, except to the extent to which the Contractor/Sub-Contractors may be responsible for the use of any radio-active material;
- e) Pressure waves caused by aircraft or other aerial devices traveling at sonic or supersonic speeds;
- f) use or occupation by the Procuring Agency of any part of the Works, except as may be specified in the Contract;
- g) late handing over of sites, anomalies in drawings, late delivery of designs and drawings of any part of the Works by the Procuring Agency's personnel or by others for whom the Procuring Agency is responsible;
- h) a suspension under Sub-Clause 2.3 unless it is attributable to the Contractor's failure; and

j) Physical obstructions or physical conditions other than climatic conditions, encountered on the Site during the performance of the Works, for which the Contractor immediately notified to the Procuring Agency and accepted by the Procuring Agency.

7. TIME FOR COMPLETION

7.1 Execution of the Works

The Contractor shall commence the Works on the Commencement Date and shall proceed expeditiously and without delay and shall complete the Works, subject to Sub-Clause 7.3 below, within the Time for Completion.

7.2 **Programme**

Within the time stated in the Contract Data, the Contractor shall submit to the Engineer/Procuring Agency a programme for the Works in the form stated in the Contract Data.

7.3 Extension of Time

The Contractor shall, within such time as may be reasonable under the circumstances, notify the Procuring Agency/Engineer of any event(s) falling within the scope of Sub-Clause 6.1 or 10.3 of these Conditions of Contract and request the Procuring Agency/Engineer for a reasonable extension in the time for the completion of works. Subject to the aforesaid, the Procuring Agency/Engineer shall determine such reasonable extension in the time for the completion of works as may be justified in the light of the details/particulars supplied by the Contractor in connection with the such determination by the Procuring Agency/Engineer within such period as may be prescribed by the Procuring Agency/Engineer for the same; and the Procuring Agency may extend the time for completion as determined.

7.4 Late Completion

If the Contractor fails to complete the Works within the Time for Completion, the Contractor's only liability to the Procuring Agency for such failure shall be to pay the amount as **liquidity damages** stated in the Contract Data for each day for which he fails to complete the Works.

8. TAKING-OVER

8.1 **Completion**

The Contractor may notify the Engineer/Procuring Agency when he considers that the Works are complete.

8.2.1 **Taking-Over Notice**

Within fourteen (14) days of the receipt of the said notice of completion from the Contractor the Procuring Agency/Engineer shall either takeover the completed works and issue a Certificate of Completion to that effect or shall notify the Contractor his reasons for not taking-over the works. While issuing the Certificate of Completion as aforesaid, the Procuring Agency/Engineer may identify any outstanding items of work which the Contractor shall undertake during the Maintenances Period.

9. REMEDYING DEFECTS

9.1 **Remedying Defects**

The Contractor shall for a period stated in the Contract Data from the date of issue of the Certificate of Completion carry out, at no cost to the Procuring Agency, repair and rectification work which is necessitated by the earlier execution of poor quality of work or use of below specifications material in the execution of Works and which is so identified by the Procuring Agency/Engineer in writing within the said period. Upon expiry of the said period, and subject to the Contractor's faithfully performing his aforesaid obligations, the Procuring Agency/Engineer shall issue a Maintenance Certificate whereupon all obligations of the Contractor under this Contract shall come to an end.

Failure to remedy any such defects or complete outstanding work within a reasonable time shall entitle the Procuring Agency to carry out all necessary works at the Contractor's cost. However, the cost of remedying defects not attributable to the Contractor shall be valued as a Variation

9.2 Uncovering and Testing

The Engineer/Procuring Agency may give instruction as to the uncovering and/or testing of any work. Unless as a result of an uncovering and/or testing it is established that the Contractor's design, materials, plant or workmanship are not in accordance with the Contract, the Contractor shall be paid for such uncovering and/or testing as a Variation in accordance with Sub-Clause 10.2.

10. VARIATIONS AND CLAIMS

10.1 **Right to Vary**

The Procuring Agency/Engineer may issue Variation Order(s) in writing. Where for any reason it has not been possible for the Procuring Agency/Engineer to issue such Variations Order(s), the Contractor may confirm any verbal orders given by the Procuring Agency/Engineer in writing and if the same are not refuted/denied by the Procuring Agency/Engineer within ten (10) days of the receipt of such confirmation the same shall be deemed to be a Variation Orders for the purposes of this Sub-Clause.

10.2 Valuation of Variations

Variations shall be valued as follows:

- a) at a lump sum price agreed between the Parties, or
- b) where appropriate, at rates in the Contract, or
- c) in the absence of appropriate rates, the rates in the Contract shall be used as the basis for valuation, or failing which
- d) at appropriate new rates, as may be agreed or which the Engineer/Procuring Agency considers appropriate, or
- e) if the Engineer/Procuring Agency so instructs, at day work rates set out in the Contract Data for which the Contractor shall keep records of hours of labour and Contractor's Equipment, and of Materials, used.

10.3 Changes in the Quantities.

- a) If the final quantity of the work done differs from the quantity in the Bill of Quantities for the particular item by more than 25 percent, provided the change exceeds 1 percent of the Initial Contract Price, the Procuring Agency/Engineer shall adjust the rate to allow for the change and will be valued as per sub clause 10.2.
- b) The Engineer shall not adjust rates from changes in quantities if thereby the Initial Contract Price is exceeded by more than 15 percent, except with the prior approval of the Procuring Agency.
- c) If requested by the Engineer, the contractor shall provide the Engineer with a detailed cost breakdown of any rate in the Bill of Quantities.

10.4 Early Warning

The Contractor shall notify the Engineer/Procuring Agency in writing as soon as he is aware of any circumstance which may delay or disrupt the Works, or which may give rise to a claim for additional payment.

To the extent of the Contractor's failure to notify, which results to the Engineer/Procuring Agency being unable to keep all relevant records or not taking steps to minimise any delay, disruption, or Cost, or the value of any Variation, the Contractor's entitlement to extension of the Time for Completion or additional payment shall be reduced/rejected.

10.5 Valuation of Claims

If the Contractor incurs Cost as a result of any of the Procuring Agency's Risks, the Contractor shall be entitled to the amount of such Cost. If as a result of any Procuring Agency's Risk, it is necessary to change the Works, this shall be dealt with as a Variation subject to Contractor's notification for intention of claim to the Engineer/Procuring Agency within fourteen (14) days of the occurrence of cause.

10.6 Variation and Claim Procedure

The Contractor shall submit to the Engineer/Procuring Agency an itemized detailed breakdown of the value of variations and claims within twenty eight (28) days of the instruction or of the event giving rise to the claim. The Engineer/Procuring Agency shall check and if possible agree the value. In the absence of agreement, the Procuring Agency shall determine the value.

11. CONTRACT PRICE AND PAYMENT

11.1 (a) Terms of Payments

The amount due to the Contractor under any Interim Payment Certificate issued by the Engineer pursuant to this Clause, or to any other terms of the Contract, shall, subject to Clause 11.3, be paid by the Procuring Agency to the Contractor within 30 days after such Interim Payment Certificate has been jointly verified by Procuring Agency and Contractor, or, in the case of the Final Certificate referred to in Sub Clause 11.5, within 60days after such Final Payment Certificate has been jointly verified by Procuring Agency and Contractor;

Provided that the Interim Payment shall be caused in thirty (30) days and Final Payment in 60 days in case of foreign funded project. In the event of the failure of the Procuring Agency to make payment within 90 days then Procuring Agency shall pay to the Contractor compensation at the 28 days rate of KIBOR+2% per annum in local currency and LIBOR+1% for foreign currency, upon all sums unpaid from the date by which the same should have been paid.

(b) Valuation of the Works

The Works shall be valued as provided for in the Contract Data, subject to Clause 10.

11.2 Monthly Statements

The Contractor shall be entitled to be paid at monthly intervals:

- a) The value of the Works executed less to the cumulative amount paid previously; and
- b) Value of secured advance on the materials and valuation of variations (if any).

The Contractor shall submit each month to the Engineer/Procuring Agency a statement showing the amounts to which he considers himself entitled.

11.3 **Interim Payments**

Within a period not exceeding seven (07) days from the date of submission of a statement for interim payment by the Contractor, the Engineer shall verify the same and within a period not exceeding thirty (30/60) days from the said date of submission by the Contractor, the Procuring Agency shall pay to the Contractor the sum subject to adjustment for deduction of the advance payments and retention money.

11.4 **Retention**

Retention money shall be paid by the Procuring Agency to the Contractor within fourteen (14) days after either the expiry of the period stated in the Contract Data, or the remedying of notified defects, or the completion of outstanding work, all as referred to in Sub-Clause 9.1, whichever is the later.

11.5 Final Payment

Within twenty one (21) days from the date of issuance of the Maintenance Certificate the Contractor shall submit a final account to the Engineer to verify and the Engineer shall verify the same within fourteen (14) days from the date of submission and forward the same to the Procuring Agency together with any documentation reasonably required to enable the Procuring Agency to ascertain the final contract value.

Within sixty (60) days from the date of receipt of the verified final account from the Engineer, the Procuring Agency shall pay to the Contractor any amount due to the Contractor. While making such payment the Procuring Agency may, for reasons to be given to the Contractor in writing, withhold any part or parts of the verified amount.

11.6 **Currency**

Payment shall be in the currency stated in the Contract Data.

12. DEFAULT

12.1 **Defaults by Contractor**

If the Contractor abandons the Works, refuses or fails to comply with a valid instruction of the Engineer/Procuring Agency or fails to proceed expeditiously and without delay, or is, despite a written complaint, in breach of the Contract, the Procuring Agency may give notice referring to this Sub-Clause and stating the default.

If the Contractor has not taken all practicable steps to remedy the default within fourteen (14) days after receipt of the Procuring Agency's notice, the Procuring Agency may by a second notice given within a further twenty one (21) days, terminate the Contract. The Contractor shall then demobilize from the Site leaving behind any Contractor's Equipment which the Procuring Agency instructs, in the second notice, to be used for the completion of the Works at the risk and cost of the Contractor.

12.2 **Defaults by Procuring Agency**

If the Procuring Agency fails to pay in accordance with the Contract, or is, despite a written complaint, in breach of the Contract, the Contractor may give notice referring to this Sub-Clause and stating the default. If the default is not remedied within fourteen (14) days after the Procuring Agency's receipt of this notice, the Contractor may suspend the execution of all or parts of the Works.

If the default is not remedied within twenty eight (28) days after the Procuring Agency's receipt of the Contractor's notice, the Contractor may by a second notice given within a further twenty one (21) days, terminate the Contract. The Contractor shall then demobilize from the Site.

12.3 Insolvency

If a Party is declared insolvent under any applicable law, the other Party may by notice terminate the Contract immediately. The Contractor shall then demobilize from the site leaving behind, in the case of the Contractor's insolvency, any Contractor's Equipment which the Procuring Agency instructs in the notice is to be used for the completion of the Works.

12.4 **Payment upon Termination**

After termination, the Contractor shall be entitled to payment of the unpaid balance of the value of the works executed and of the Materials and Plant reasonably delivered to the site, adjusted by the following:

- a) any sums to which the Contractor is entitled under Sub-Clause 10.4,
- b) any sums to which the Procuring Agency is entitled,
- c) if the Procuring Agency has terminated under Sub-Clause 12.1 or 12.3, the Procuring Agency shall be entitled to a sum equivalent to twenty percent (20%) of the value of parts of the Works not executed at the date of the termination, and
- d) if the Contractor has terminated under Sub-Clause 12.2 or 12.3, the Contractor shall be entitled to the cost of his demobilization together with a sum equivalent to ten percent (10%) of the value of parts of the works not executed at the date of termination.

The net balance due shall be paid or repaid within twenty eight (28) days of the notice of termination.

13. RISKS AND RESPONSIBILITIES

13.1 Contractor's Care of the Works

Subject to Sub-Clause 9.1, the Contractor shall take full responsibility for the care of the

Works from the Commencement Date until the date of the Procuring Agency's/Engineer's issuance of Certificate of Completion under Sub-Clause 8.2. Responsibility shall then pass to the Procuring Agency. If any loss or damage happens to the Works during the above period, the Contractor shall rectify such loss or damage so that the Works conform with the Contract.

Unless the loss or damage happens as a result of any of the Procuring Agency's Risks, the Contractor shall indemnify the Procuring Agency, or his agents against all claims loss, damage and expense arising out of the Works.

13.2 Force Majeure

If Force Majeure occurs, the Contractor shall notify the Engineer/Procuring Agency immediately. If necessary, the Contractor may suspend the execution of the Works and, to the extent agreed with the Procuring Agency demobilize the Contractor's Equipment.

If the event continues for a period of eighty four (84) days, either Party may then give notice of termination which shall take effect twenty eight (28) days after the giving of the notice.

After termination, the Contractor shall be entitled to payment of the unpaid balance of the value of the Works executed and of the Materials and Plant reasonably delivered to the Site, adjusted by the following:

- a) Any sums to which the Contractor is entitled under Sub-Clause 10.4,
- b) The cost of his demobilization, and
- c) Less any sums to which the Procuring Agency is entitled.

The net balance due shall be paid or repaid within thirty five (35) days of the notice of termination.

14. INSURANCE

14.1 **Arrangements**

The Contractor shall, prior to commencing the Works, effect insurances of the types, in the amounts and naming as insured the persons stipulated in the Contract Data except for items (a) to (e) and (i) of the Procuring Agency's Risks under Sub-Clause 6.1. The policies shall be issued by insurers and in terms approved by the Procuring Agency. The Contractor shall provide the Engineer/Procuring Agency with evidence that any required policy is in force and that the premiums have been paid.

14.2 **Default**

If the Contractor fails to effect or keep in force any of the insurances referred to in the previous Sub-Clause, or fails to provide satisfactory evidence, policies or receipts, the Procuring Agency may, without prejudice to any other right or remedy, effect insurance for the cover relevant to such as a default and pay the premiums due and recover the same plus a sum in percentage given in Contractor Data from any other amounts due to the Contractor.

15. RESOLUTION OF DISPUTES

15.1 Engineer's Decision

If a dispute of any kind whatsoever arises between the Procuring Agency and the Contractor in connection with the works, the matter in dispute shall, in the first place, be referred in writing to the Engineer, with a copy to the other party. Such reference shall state that it is made pursuant to this Clause. No later than the twenty eight (28) days after the day on which he received such reference, the Engineer shall give notice of his decision to the Procuring Agency (Superintending Engineer) and the Contractor.

Unless the Contract has already been repudiated or terminated, the Contractor shall, in every case, continue to proceed with the work with all due diligence, and the Contractor and the Procuring Agency (Superintending Engineer)shall give effect forthwith to every such decision of the Engineer unless and until the same shall be revised, as hereinafter provided in an arbitral award.

15.2 Notice of Dissatisfaction

If a Party is dissatisfied with the decision of the Engineer of consultant or if no decision is given within the time set out in Sub-Clause 15.1 here above, the Party may give notice of dissatisfaction referring to this Sub-Clause within fourteen (14) days of receipt of the decision or the expiry of the time for the decision. If no notice of dissatisfaction is given within the specified time, the decision shall be final and binding on the Parties. If notice of dissatisfaction is given within the specified time, the decision shall be binding on the Parties who shall give effect to it without delay unless and until the decision of the Engineer is revised by an arbitrator.

If a contractor is dissatisfied with the decision of the Engineer of the department or decision is not given in time then he can approach Superintending Engineer within 14 days, in case of dissatisfaction with decision of Superintending Engineer or not decided within 28 days, then arbitration process would be adopted as per clause 15.3.

15.3 **Arbitration**

A dispute which has been the subject of a notice of dissatisfaction shall be finally settled as per provisions of Arbitration Act 1940 (Act No. X of 1940) and Rules made there under and any statutory modifications thereto. Any hearing shall be held at the place specified in the Contract Data and in the language referred to in Sub-Clause 1.5.

16 INTEGRITY PACT

- 16.1 If the Contractor or any of his Sub-Contractors, agents or servants is found to have violated or involved in violation of the Integrity Pact signed by the Contractor as Schedule-F to his Bid, then the Procuring Agency shall be entitled to:
 - (a) recover from the Contractor an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by the Contractor or any of his Sub-Contractors, agents or servants;
 - (b) terminate the Contract; and
 - (c) recover from the Contractor any loss or damage to the Procuring Agency as a result of such termination or of any other corrupt business practices of the Contractor or any of his Sub-Contractors, agents or servants.

On termination of the Contract under Sub-Para (b) of this Sub-Clause, the Contractor shall demobilize from the site leaving behind Contractor's Equipment which the Procuring Agency instructs, in the termination notice, to be used for the completion of the works at the risk and cost of the Contractor. Payment upon such termination shall be made under Sub-Clause 12.4, in accordance with Sub-Para (c) thereof, after having deducted the amounts due to the Procuring Agency under Sub-Para (a) and (c) of this Sub-Clause.

CONTRACT DATA

(Note: Except where otherwise indicated, all Contract Data should be filled in by the Procuring Agency prior to issuance of the Bidding Documents.)

Sub-C	lauses of				
Condi	tions of Contract				
1.1.3	Procuring Agency's Drawings, if any				
	(To be listed by the Procuring Agency)				
1.1.4	The Procuring Agency means				
	Executing Agency				
					
1.1.5	The Contractor means				
	Bidder_				
1.1.7	Commencement Date means the date of issue of Engineer's Notice to Commence which shall				
	be issued within fourteen (14) days of the signing of the Contract Agreement.				
1 1 0	TD' 6 C 1.4' 450				
1.1.9	Time for Completion450 days				
	(The time for completion of the whole of the Works should be assessed by the Procuring				
	Agency)				
1 1 20					
1.1.20	Engineer (mention the name along with the designation including whether he belongs to				
	department or consultant) and other details				
	Executive Engineer Sports & Youth Affairs Department Govt. of Sindh Karachi				
1.3	Documents forming the Contract listed in the order of priority:				
1.5	(a) The Contract Agreement				
	(b) Letter of Acceptance				
	(c) The completed Form of Bid				
	(d) Contract Data				
	(e) Conditions of Contract				
	(f) The completed Schedules to Bid including Schedule of Prices				
	(g) The Drawings, if any				
	(h) The Specifications				
	(i)				
	(j)				
	U/				

(The Procuring Agency may add, in order of priority, such other documents as form part of the Contract. Delete the document, if not applicable)

Prov	ision of Site: On the Commencement Date
Auth	norized person:
Nan	ne and address of Engineer's/Procuring Agency's representative
	ormance Security:
	unt
	lity m: As provided under Standard Forms of these Documents)
	nirements for Contractor's design (if any):
Spec	ification Clause No's
	ramme:
	e for submission: Within fourteen (14) days* of the Commencement Date.
Amo	n of programme: (Bar Chart/CPM/PERT or other) unt payable due to failure to complete shall be% per day up to a maximum of
	o) of sum stated in the Letter of Acceptance
•	ally the liquidated damages are set between 0.05 percent and 0.10 percent per day.)
Earl	y Completion
limit	ase of earlier completion of the Work, the Contractor is entitled to be paid bonus up-to and at a rate equivalent to 50% of the relevant limit and rate of liquidated damages stated e contract data.
Perio	od for remedying defects
(e) V	ariation procedures:
Day	work rates
	(details)
Tern	ns of Payments
a) M	obilization Advance
(1)	Mobilization Advance up to 10 % of the Contract Price stated in the Letter of Acceptance shall be paid by the Procuring Agency to the Contractor on the works costing Rs.2.5 million or above on following conditions:

- (i) on submission by the Contractor of a Mobilization Advance Guarantee for the full amount of the Advance in the specified form from a Scheduled Bank in Pakistan to the Procuring Agency;
- (ii) Contractor will pay interest on the mobilization advance at the rate of 10% per annum on the advance; and
- (iii) This Advance including the interest shall be recovered in 5 equal installments from the five (05) R.A bills and in case the number of bills is less than five (05) then 1/5th of the advance **inclusive of the interest** thereon shall be recovered from each bill and the balance together with interest be recovered from the final bill. It may be insured that there is sufficient amount in the final bill to enable recovery of the Mobilization Advance.

OR

2) Secured Advance on Materials

- (a) The Contractor shall be entitled to receive from the Procuring Agency Secured Advance against an INDENTURE BOND in P W Account Form No. 31(Fin. R. Form No. 2 acceptable to the Procuring Agency of such sum as the Engineer may consider proper in respect of non-perishable materials brought at the Site but not yet incorporated in the Permanent Works provided that:
 - (i) The materials are in accordance with the Specifications for the Permanent Works;
 - (ii) Such materials have been delivered to the Site and are properly stored and protected against loss or damage or deterioration to the satisfaction and verification of the Engineer but at the risk and cost of the Contractor;
 - (iii) The Contractor's records of the requirements, orders, receipts and use of materials are kept in a form approved by the Engineer, and such records shall be available for inspection by the Engineer;
 - (iv) The Contractor shall submit with his monthly statement the estimated value of the materials on Site together with such documents as may be required by the Engineer for the purpose of valuation of materials and providing evidence of ownership and payment therefore;
 - (v) Ownership of such materials shall be deemed to vest in the Procuring Agency and these materials shall not be removed from the Site or otherwise disposed of without written permission of the Procuring Agency;
 - (vi) The sum payable for such materials on Site shall not exceed 75 % of the (i) landed cost of imported materials, or (ii) ex-factory / ex-warehouse price of locally manufactured or produced materials, or (iii) market price of stands other materials:

- (vii) Secured Advance should not be allowed unless &until the previous advance, if an, fully recovered;
- (viii) Detailed account of advances must be kept in part II of running account bill; and
- (ix) Secured Advance may be permitted only against materials/quantities anticipated to be consumed / utilized on the work within a period of 3 months from the date of issue of secured advance and definitely not for full quantities of materials for the entire work/contract
- (b) Recovery of Secured Advance:
 - (i) Secured Advance paid to the Contractor under the above provisions shall be effected from the monthly payments on actual consumption basis, but not later than period specified in the rules not more than three months (even if unutilized); other conditions.
 - (ii) As recoveries are made the outstanding accounts of the items concerned in Part II should be reduced b making deduction entries in the column; —deduct quantity utilized in work measured since previous bill, equivalent to the quantities of materials used by the contractor on items of work shown as executed in part I of the bill.
- (c) Interim payments: The Contractor shall submit to the Engineer monthly statements of the estimated value of the work completed less the cumulative amount certified previously.
 - (i) The value of work completed comprises the value of the quantities of the items in the Bill of Quantities completed.
 - (ii) value of secured advance on the materials and valuation of variations (if any).
 - (iii) Engineer may exclude any item certified in a previous certificate or reduce the proportion of any item previously certified in any certificate in the light of later information.
 - (v) Retention money and other advances are to be recovered from the bill submitted by contractor.

11.2	*(a)	Valuation of the Works:
		i) Lump sum price(details), or
		ii) Lump sum price with schedules of rates (details), or
		iii) Lump sum price with bill of quantities(details), or
		iv) Re-measurement with estimated/bid quantities in the Schedule of Prices or on
		premium above or below quoted on the rates mentioned in CSR
		(details), or/and
	v) Cos	st reimbursable(details)

11.3	Percentage of retention*: five (5%)
11.6	Currency of payment: Pak. Rupees
14.1	Insurances: (Procuring Agency may decide, keeping in view the nature and the scope of the work)
	Type of cover
	The Works
	Amount of cover
	The sum stated in the Letter of Acceptance plus fifteen percent (15%)
	Type of cover
	Contractor's Equipment:
	Amount of cover
	Full replacement cost
	Type of cover Third Party-injury to persons and damage to property
	(The minimum amount of third party insurance should be assessed by the Procuring Agency and entered).
	Workers:
	Other cover*:
	(In each case name of insured is Contractor and Procuring Agency)
14.2	Amount to be recovered
	Premium plus percent (%).
14.3	Arbitration** Place of Arbitration:
	ocuring Agency to specify as appropriate) has to be in the Province of Sindh)

STANDARD FORMS

(Note: Standard Forms provided in this document for securities are to be issued by a bank. In case the bidder chooses to issue a bond for accompanying his bid or performance of contract or receipt of advance, the relevant format shall be tailored accordingly without changing the spirit of the Forms of securities).

FORM OF BID SECURITY

(Bank Guarantee)

			Guarantee No				
_			Executed on				
(Lette	er by the	e Guara	ntor to the Procuring Agency)				
			(Scheduled Bank in Pakistan) with				
addre		1 (1	2:11. \(\):41				
			Bidder) with				
Sum	of Secu	rity (ex	press in words and				
figure	es):						
Bid F	Reference	ce No	Date of Bid				
reque stateo	est of the	ne said , for the	BY THESE PRESENTS, that in pursuance of the terms of the Bid and at the Principal, we the Guarantor above-named are held and firmly bound unto the, (hereinafter called The —Procuring Agency) in the sum a payment of which sum well and truly to be made, we bind ourselves, our heirs ators and successors, jointly and severally, firmly by these presents.				
		ng	OF THIS OBLIGATION IS SUCH, that whereas the Principal has submitted the Bid numbered and dated as above for (Particulars of Bid) to the said Procuring Agency				
	DEAC	the Dro	ocuring Agency has required as a condition for considering the said Bid that the				
Princ	ipal fur		a Bid Security in the above said sum to the Procuring Agency, conditioned as				
(1)	that the Bid Security shall remain valid for a period of twenty eight (28) days beyond the period of validity of the bid;						
(2)		n the ev					
(2)			rincipal withdraws his Bid during the period of validity of Bid, or				
	(b)	the I	Principal does not accept the correction of his Bid Price, pursuant to Sub-Clause (b) of Instructions to Bidders, or				
	(c)		e of the successful bidder to				
		(i)	furnish the required Performance Security, in accordance with Sub-Clause IB-21.1 of Instructions to Bidders, or				
		(ii)	Sign the proposed Contract Agreement, in accordance with Sub-Clauses IB-20.2 & 20.3 of Instructions to Bidders,				

the entire sum be paid immediately to the said Procuring Agency for delayed completion and not as penalty for the successful bidder's failure to perform.

NOW THEREFORE, if the successful bidder shall, within the period specified therefore, on the prescribed form presented to him for signature enter into a formal Contract Agreement with the said Procuring Agency in accordance with his Bid as accepted and furnish within fourteen (14) days of receipt of Letter of Acceptance, a Performance Security with good and sufficient surety, as may be required, upon the form prescribed by the said Procuring Agency for the faithful performance and proper fulfilment of the said Contract or in the event of nonwithdrawal of the said Bid within the time specified then this obligation shall be void and of no effect, but otherwise to remain in full force and effect.

PROVIDED THAT the Guarantor shall forthwith pay to the Procuring Agency the said sum stated above upon first written demand of the Procuring Agency without cavil or argument and without requiring the Procuring Agency to prove or to show grounds or reasons for such demand, notice of which shall be sent by the Procuring Agency by registered post duly addressed to the Guarantor at its address given above.

PROVIDED ALSO THAT the Procuring Agency shall be the sole and final judge for deciding whether the Principal has duly performed his obligations to sign the Contract Agreement and to furnish the requisite Performance Security within the time stated above, or has defaulted in fulfilling said requirements and the Guarantor shall pay without objection the sum stated above upon first written demand from the Procuring Agency forthwith and without any reference to the Principal or any other person.

IN WITNESS WHEREOF, the above bounded Guarantor has executed the instrument under its seal on the date indicated above, the name and seal of the Guarantor being hereto affixed and these presents duly signed by its undersigned representative pursuant to authority of its governing body.

Witness: 1. Signature	Guarantor (Bank)
1	1.Signature
Corporate Secretary (Seal)	
2	
(Name, Title & Address)	Corporate Guarantor (Seal)

FORM OF PERFORMANCE SECURITY (Bank Guarantee)

Guarantee No
Executed on
Expiry Date
Dated
nance of the terms of the Bidding Document ne Documents) and at the request of the said held and firmly bound unto the control of the control of the procuring the control of the procuring the procur
the payment of which sum well and truly t
ves, our heirs, executors, administrators an
110

NOW THEREFORE, if the Principal (Contractor) shall well and truly perform and fulfill all the undertakings, covenants, terms and conditions of the said Documents during the original terms of the said Documents and any extensions thereof that may be granted by the Procuring Agency, with or without notice to the Guarantor, which notice is, hereby, waived and shall also well and truly perform and fulfill all the undertakings, covenants terms and conditions of the Contract and of any and all modifications of the said Documents that may hereafter be made, notice of which modifications to the Guarantor being hereby waived, then, this obligation to be void; otherwise to remain in full force and virtue till all requirements of Clause 9, Remedying Defects, of Conditions of Contract are fulfilled.

Our total liability under this Guarantee is limited to the sum stated above and it is a condition of any liability attaching to us under this Guarantee that the claim for payment in writing shall Sindh Public

be received by us within the validity period of tour liability, if any, under this Guarantee.	this Guarantee, failing which we shall be discharged of
under the Contract, do hereby irrevocably ar Agency without delay upon the Procuring Age and without requiring the Procuring Agency to any sum or sums up to the amount stated above that the Principal has refused or failed to pe	(the Guarantor), waiving all objections and defenses and independently guarantee to pay to the Procuring ency's first written demand without cavil or arguments prove or to show grounds or reasons for such demand we, against the Procuring Agency's written declaration erform the obligations under the Contract, for which to Procuring Agency's designated Bank & Account
whether the Principal (Contractor) has duly proceed the defaulted in fulfilling said obligations and the Coup to the amount stated above upon first writt without any reference to the Principal or any other IN WITNESS WHEREOF, the above bounded	gency shall be the sole and final judge for deciding performed his obligations under the Contract or has Guarantor shall pay without objection any sum or sums ten demand from the Procuring Agency forthwith and her person. Guarantor has executed this Instrument under its seal reporate seal of the Guarantor being hereto affixed and
	representative, pursuant to authority of its governing
	Guarantor (Bank)
Witness: 1	1. Signature 2. Name
Corporate Secretary (Seal)	3. Title
2	
(Name, Title & Address)	Corporate Guarantor (Seal)

FORM OF CONTRACT AGREEMENT

THIS (CONTRACT AGREEMENT (hereinafter called the —Agreement) made on the day of
	200 between(hereinafter called the —Procuring
Agenc	yl) of the one part and (hereinafter called the —Contractorl) of the other part.
execut	REAS the Procuring Agency is desirous that certain Works, viz should be ed by the Contractor and has accepted a Bid by the Contractor for the execution and completion a Works and the remedying of any defects therein.
NOW	this Agreement witnesseth as follows:
1.	In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2.	The following documents after incorporating addenda, if any except those parts relating to Instructions to Bidders, shall be deemed to form and be read and construed as part of this Agreement, viz:
	(a) The Letter of Acceptance;
	(b) The completed Form of Bid along with Schedules to Bid;
	(c) Conditions of Contract & Contract Data;
	(d) The priced Schedule of Prices/Bill of quantities (BoQ);
	(e) The Specifications; and
	(f) The Drawings
3.	In consideration of the payments to be made by the Procuring Agency to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Procuring Agency to execute and complete the Works and remedy defects therein inconformity and in all respects within the provisions of the Contract.

IN WITNESS WHEREOF the parties hereto have caused this Contract Agreement to be executed on the day, month and year first before written in accordance with their respective laws.

Signature of the Contactor	Signature of the Procuring Agency
(Seal)	(Seal)
Signed, Sealed and Delivered in the	presence of:
Witness:	Witness:
(Name, Title and Address)	(Name, Title and Address)

MOBILIZATION ADVANCE GUARANTEE

							Guarante	e No	
							Execute	ed on	
(Letter by the Guara	entor to t	he Procur	ing Age	ncy	7)				
WHEREAS the								(harainaftar	called the
Procuring Agency) has	entered	into	<u>а</u>	Contract	for		_ (hereinafter	caned the
Trocaring rigency) IIds	cincica	mto	а	Contract	101 _			
				_	(Partio	culars	of	Contract),	with
			(here	ina	fter called	the Cont	ractor).		
AND WHEREAS t			-	_					
request, an amoun) which
amount shall be adv	anced to	the Conti	ractor as	s pe	r provision	ns of the	Contract.		
AND WHEREAS tadvance payment for		0 0	•						secure the
AND WHEREA	S							_ (Schedule	d Bank)
(hereinafter called t Agency agreeing t Guarantee.									
NOW THEREFOR purpose of above m obligations for whi Agency for paymen	nentioned ch the a	d Contract dvance pa	and if	he i	fails, and o	commits Guaranto	default in	fulfillment of	any of his
Notice in writing or aforesaid, on the pa on such first written Guarantee without a	rt of the	Contractor	or, shall t shall b	be e n	given by the	he Procu e Guaran	ring Ager tor of all	ncy to the Gua	rantor, and

This Guarantee shall come into force as soon as the of the Contractor.	e advance payment has been credited to the account
This Guarantee shall expire not later than date we must have received any claims by registered	by which ed letter, telegram, telex or telefax.
It is understood that you will return this Guaran amount to be claimed hereunder.	tee to us on expiry or after settlement of the total
	(Guarantor (Scheduled Bank)
Witness: 1.	1. Signature
	2. Name
Corporate Secretary (Seal)	3. Title
2	
(Name, Title & Address)	Corporate Guarantor (Seal)

INDENTURE FOR SECURED ADVANCES.

•	in cases in which is contract is for finished work and the contractor has entered into an ne execution of a certain specified quantity of work in a given time).
	RE made the day of EEN (hereinafter called "the Contractor" which expression shall where the context so
admits or implie	ed be deemed to include his heirs, executors, administrators and assigns) of the one part ERNOR OF SINDH (hereinafter called "the Government" of the other part).
•	an agreement, dated (hereinafter called the said agreement, the contractor has agreed to er-mentioned works (hereinafter referred to as the said work):-
	(Here enter (the description of the works).1
advance to him security of mate subject of the sa	AS the contractor has applied to the
Part II of Runni on Government ha	e Government has agreed to advance to the Contractor the sum of Rupees, (Rs. on the security of materials the quantities and other particulars of which are detailed in ng Account Bill (E). the said works signed by the contractor Fin R.Form.17.A — and on such covenants and conditions as are hereinafter contained and the s reserved to itself the option of marking any further advance or advances on the materials brought by the Contractor to the site of the said works.
consideration of before the executhe Contractor das aforesaid (al Contractor doth amount	NDENTURE WTTNESSETH that in pursuance of the said agreement and in f the sum of Rupees
(That the said sum of Rupees (RF) so advanced by the Government to the Contractor as aforesaid and all or any further sum or sums which may be advanced aforesaid shall be employed by the contractor in or towards expending the execution of the said works and for no other purpose whatsoever.
(2) That the materials detailed in the said Running Account Bill (B) which have been Fin R Form No. 17-A

Offered to and accepted by (he Government as security for the said amount are absolutely by the Contractors own property free from encumbrances of any kind and the Contractor will not make any application for or receive a further advance on the security of materials which are not absolutely his own property and free from encumbrances of any kind and the contractor hereby agrees, at all times, to indemnify and save harmless the Government against all claims whatsoever to any materials in respect of which an advance has been made to him as aforesaid.

(3) That the said materials detailed in the said Running Account Bill (B) and all other Fin. R. Form No. 17-A

Materials on the security of which any further advance or advances may hereafter be made as aforesaid (hereinafter called the said materials) shall be used by the Contractor solely in *the* execution of the said works in accordance with the directions of the Divisional Officer ------ (hereinafter called the Divisional Officer) and in the terms of the said agreement.

- (4) That the Contractor shall make at his own cost all necessary and adequate arrangement for the proper watch, safe custody and protection against all risks of the said material and that until used in construction as aforesaid the said materials shall remain at the site of the said works in the Contractor's custody and at his own risk and on his own responsibility and shall at all times be open to inspection by (he Divisional Officer or any officer authorized by him. In the event of the said materials of any part (hereof being stolen, destroyed or damaged or becoming deteriorated in a grater degree than is due to reasonable use and wear thereof Contractor will forthwith replace the same with other materials of like qualify or repair and make good the same as required by the Divisional Officer and the materials so brought to replace the said materials so repaired and made good shall also be considered as security for the said amount.
- (5) 'Hurt the said materials shall not on any account be removed from the site of the said works except with the written permission of the Divisional Officer or an officer authorized by him in that behalf.
- (6) That the said amount shall be payable in full when or before the Contractor receives payment, from the Government of the price payable to him for the said works under the terms and provisions of the said agreement PROVIDED THAT if any intermediate payments are made to the contractor on account of work done then on the occasion of each such payment the Government will be at liberty to make a recovery from the Contractors Bill for such payment by deducting there from in the value of the said materials (hen actually used in the construction and in respect of which recovery has not been made previously the value for this purpose being determined in respect of each description of material at (he rates at which the amount of the advances made under these presents were calculated.
- (7) That if the Contractor shall at any time make any default in the performance or observation in any respect of any of the terms and provisions of the said agreement or of these presents the total amount of the advance or advances that may still be owing to the Government shall immediately on the happening of such default be repayable by the Contractor to the Government together with interest thereon at twelve percent per annum from the date or respective dates of such advance or advances to the date or repayment and with all costs, charges, damages and expenses incurred by the Government in or for the recovery thereof or the enforcement of this security or otherwise by reason of (he default of the Contractor and any moneys so becoming due and payable shall constitute a debt due from the Contractor to the Government and the Contractor hereby covenants and agrees with the Government to repay and the same respectively to it accordingly.

Once therewith the Government may at any time thereafter adopt all or any of following courses as it may deem best;-

- (a) Seize and utilize the said materials or any part thereof in the completion of the said works on behalf of the Contractor in accordance with the provisions in that behalf contained in the said agreement debiting the Contractor with the actual cost of effecting such completion the amount due in respect of advances under these presents and crediting the Contractor with the value of work done as he had carried it out in accordance with the said agreement and at the rates thereby provided. If the balance is against the Contractor he is to pay the same to the Government on demand.
- (b) Remove and sell by public auction the seized materials or any part thereof and out of the moneys arising from the sale retain all the sums aforesaid repayable to the Government under these presents and pay over the surplus (if any) to the Contractor.
- (c) Deduct all or any part of the moneys owing out of the security deposit or any sum due to the Contractor under the said agreement.

That except as is expressly provided by the presents interest on the aid advance shall not be

In witnesses whereof thehave he	
day and first above written.	reunto set their respective hands and sears the
Signed, sealed and delivered by* In the presence of	

Seal

(9)

payable.

1st witness 2nd witness

Signed, sealed and delivered by* In the presence of

Seal

1st Witness 2nd witness

SPECIFICATIONS

[Note for Preparing the Specifications]

A set of precise and clear specifications is a prerequisite for bidders to respond realistically and competitively to the requirements of the user without qualifying their Bids. The specifications must be drafted to permit the widest possible competition and, at the same time, present a clear statement of the required standards of workmanship, materials, performance of the works. Only if this is done objectives of economy, efficiency, and fairness in procurement will be realized and responsiveness of Bids can be ensured, and the subsequent task of bid evaluation can be facilitated. The specifications should require that materials to be incorporated in the works be new, unused, and of the most recent or current models, and incorporated all recent improvements in design and materials unless provided for otherwise in the contract.

Samples of specifications from similar to previous procurements are useful in this respect. The use of metric units is encouraged. Depending on the complexity of the works and the repetitiveness of the type of procurement, it may be advantageous to standardize the Technical Specifications that should cover all classes of workmanship, materials and equipment although not necessarily to be used in a particular procurement.

Care must be taken in drafting specifications to ensure that they are not restrictive. In the specification of standards for equipment, materials, and workmanship, recognized international standards should be used as much as possible. The specifications shall consider all conditions but not limited to seismic conditions, weather conditions and environmental impact. The specifications should state that equipment, materials, and workmanship that meet other authoritative standards, and which ensure at least a substantially equal quality than the standards mentioned, will also be acceptable. The following clause may be inserted in the Specifications.

Sample Clause: Equivalency of Standards and Codes

Wherever reference is made in the Specifications to specific standards and codes to be met by Works to be furnished and tested, the provisions of the latest current edition or revision of the relevant shall apply, unless otherwise expressly stated in the Contract. Other authoritative standards that ensure equivalence to the standards and codes specified will be acceptable.]