



Ph: 051-9211418 Fax: 051-9203407  
E-Mail:- [reshibd@yahoo.com](mailto:reshibd@yahoo.com)

NO/RE/SHI/Renovation/ 764 /2016  
OFFICE OF THE RESIDENT ENGINEER  
SPECIAL PROJECT, SINDH HOUSE  
ISLAMABAD, 20 / 7 /2016.

To,

M/s Dinsons (Pvt.) Limited,  
Corporate Office 201-205, Block No.8  
Shoukat Complx  
School Road F-6 Markaz,  
**Islamabad.**  
EMAIL:info@dinsons.com.pk

SUBJECT: **Invitation for Bids**

Issue Date: **With Effect From 20-07-2016 To 09-08-2016**  
Opening Date: **10-August, 2016 At 1.00 PM**

The sealed bids on one envelop single stage basis are invited from prequalified eligible applicants/bidders for the following work.

- **RENOVATION / REHABILITATION OF SINDH HOUSE ISLAMABAD (PHASE-1) (CIVIL, ELECTRICAL, AND PLUMBING WORKS OF MAIN HOUSE AND GUEST HOUSE)**

You are also invited so for to obtain further information and / or inspect the bidding documents, you should contact at following.

RESIDENT ENGINEER, SPEFIAL PROJECTS SINDH HOUSE ISLAMABAD,  
Address at F-5/2 Near Pak Secretariat Islamabad,  
Tel: 051-921411 Fax 051-9203407.

To purchase the bidding documents in English, should write to address above, requesting for the bidding documents mentioned under Para-2 above, on payment of non-refundable fee of Rs.2500 by cash.

A pre-bid meeting will be held on dated **02-08-2016 @ 15.00 hours** at the address above with applicant bidders or their authorized representative who chooses to attend. Bidders are advised to visit and examine the site of works and its surroundings, preferably before the meeting.


Any additional information that may be necessary for preparing the bid and required to be entered into a contract document, all the bidders are also encouraged to obtain clarification on the bidding documents (if any), during pre-bid meeting according to the procedure given in the bidding Documents.

NO. 238  
DATED: 22-07-16

Deliver your bid to the address above on **10-08-2016 at 12:00 hours** along with a **bid security equivalent to 2% of the quoted bid price** in the form described in the Bidding Document.

Received sealed Bids will be opened @ 1.00 PM on same date in the presence of all the participating bidders or their authorized representatives who choose to attend.

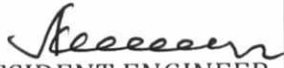
Procedural delays that may encounter in bidding, evaluation acceptance and contract award will be minimized to ensure early start execution activities under the Project. You are advised and requested to carefully read the bidding documents and respond to its requirements efficiently and effectively.

  
**(ASADULLAH BROHI)**  
RESIDENT ENGINEER  
SPECIAL PROJECT  
SINDH HOUSE, ISLAMABAD

Copy F.W.Cs to:-

1. The Superintending Engineer, Provincial Buildings Circle, Karachi / Chairman Procurement Committee, for information and necessary action.
2. The Member Procurement Committee (all) for information with request to make it convenient to be present on scheduled date and venue.
- ✓ 3. The Manager (CB), Sindh Public Procurement Regulatory Authority, Karachi in continuation of this office letter No.RE/SHI/TC/P-13/13, dated 04-01-2016 along with copy "Procurement Committee" Notification No. E&A(W&S)3-9/91-2015 Dated 18-08-2015 along with copy of bidding documents and Procurement Plan of Scheme for 2016-17 for information with request for hoisting on SPPRA website.

D-A  
As above.

  
RESIDENT ENGINEER  
SPECIAL PROJECT  
SINDH HOUSE, ISLAMABAD



**GOVERNMENT OF SINDH  
WORKS & SERVICES DEPARTMENT**

Karachi, dated the 18/ July, 2015

**NOTIFICATION**

**No. E&A(W&S)3-9/91/2015:** With the approval of competent authority, Procurement Committee in terms of Rule-7 of Sindh Public Procurement Rules-2010, is hereby constituted for procurement of "Goods / Works" in the Office of Resident Engineer, Special Project, Sindh House, Islamabad, excluding procurement involving foreign exchange with the following composition:-

**PROCUREMENT COMMITTEE:**

- |      |  |          |
|------|--|----------|
| I)   | Superintending Engineer,<br>Provincial Buildings Circle,<br>Karachi.                 | Chairman |
| II)  | Comptroller,<br>Sindh house,<br>Islamabad.   | Member   |
| III) | Deputy Secretary (B&E-I),<br>Finance Department,<br>Government of Sindh,<br>Karachi. | Member   |
| IV)  | Resident Engineer,<br>Special Project,<br>Sindh House,<br>Islamabad.                 | Member   |
| V)   | Divisional Accounts Officer,<br>Special Project,<br>Sindh House,<br>Islamabad.       | Member   |

2.  
under

The Functions & Responsibilities of the Committee, in term of Rule-7 & 8 of SPPRA-2010, shall be as

- a) Preparing of bidding documents.
- b) Carrying out Technical as well as Financial Evaluation of the bids.
- c) Preparing Evaluation report as provided in Rule-45;
- d) Making recommendation for the award of contract to the competent authority; and
- e) Perform any other function ancillary and incidental to the above.

**SECRETARY TO GOVT. OF SINDH**

Karachi, dated the 18/ July, 2015.

No. E&A(W&S)3-9/91-2015

A copy is forwarded for information to:-

1. The Accountant General, Sindh, Karachi.
2. The Managing Director, SPPRA, Karachi.
3. The Chief Engineer (Buildings). Hyderabad
4. The Superintending Engineer, Provincial Buildings Circle, Karachi.
5. The Chairman / Members of the Committee.
6. PS to Secretary Works & Services Department.
7. P.A to Deputy Secretary (Admn), Works & Services Department.
8. Notification file.

**SECTION OFFICER (GENERAL)  
FOR SECRETARY TO GOVT. OF SINDH**

**PROCUREMENT PLAN FOR A.D.P. WORK FOR THE YEAR 2016-17**

DEPARTMENT NAME:- WORKS & SERVICES, GOVERNMENT OF SINDH  
 NAME OF WORK:- RENOVATION / REHABILITATION OF SINDH HOUSE ISLAMABAD (ADP # 2768 OF 2016-17)

OFFICE OF THE :- RESIDENT ENGINEER SPECIAL PROJECT SINDH HOUSE ISLAMABAD

Sr. No.	Description of procurement	Quantity (where applicable)	Estimate unit cost (where applicable) (Millions)	Funds allocated	Source of funds (ADPs Non ADPs)	Proposed Procurement Method	Timing Procurements				Remark		
							1 <sup>st</sup> Qtr.	2 <sup>nd</sup> Qtr.	3 <sup>rd</sup> Qtr.	4 <sup>th</sup> Qtr.			
1	2	3	4	5	6	7	8	9	10	11	12		
1	Phase-I (Main House, Guest House (Civil, Electrical and Plumbing works)	-	109.032	150.000	Govt. of Sindh / ADP of 2016-17	Single Stage / Single Envelop.	✓						
2	Phase-II (Governor's Lodge, Chief Ministers Villa & VIP Annexee)	-	33.649	do	do	do	✓						
3	Phase-III (A.Cs., Main Control Unit & other accessories).	-	13.097	do	do	do		✓					
4	Phase-IV (Landscaping & Masjid)	-	103.356	do	do	do			✓				
5	Phase-V (Main Entrance, gate area i/c security installations)	-	11.881	do	do	do				✓			
6	Phase-VI (Boundary wall. Furnishing & Furniture)	-	51.956	do	do	do					✓		
<b>Total:-</b>													

*[Signature]*

SUB ENGINEER  
SINDH HOUSE ISLAMABAD

*[Signature]*

ASSISTANT ENGINEER  
SINDH HOUSE ISLAMABAD

*[Signature]*

RESIDENT ENGINEER  
SPECIAL PROJECT  
SINDH HOUSE ISLAMABAD



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NO/RE/SHI/Renovation/ 765 /2016  
OFFICE OF THE RESIDENT ENGINEER  
SPECIAL PROJECT, SINDH HOUSE  
ISLAMABAD, 20 / 7 /2016.

To,

M/s Abdul Majeed & company,  
PHA Flats, Block C-13, Ground Floor,  
Flat No.2, Street 97,  
Sector G-11/3,  
**Islamabad.**  
EMAIL:info@amcpakistan.com

SUBJECT: **Invitation for Bids**

Issue Date: **With Effect From 20-07-2016 To 09-08-2016**  
Opening Date: **10-August, 2016 At 1.00 PM**

The sealed bids on one envelop single stage basis are invited from prequalified eligible applicants/bidders for the following work.

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Tel: 051-921411 Fax 051-9203407.

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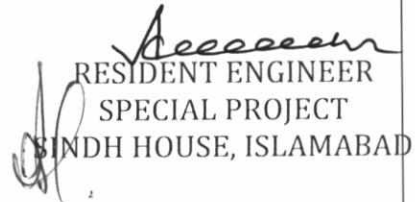
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**(ASADULLAH BROHI)**  
RESIDENT ENGINEER  
SPECIAL PROJECT  
SINDH HOUSE, ISLAMABAD

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SINDH HOUSE, ISLAMABAD



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NO/RE/SHI/Renovation/ 766 /2016  
OFFICE OF THE RESIDENT ENGINEER  
SPECIAL PROJECT, SINDH HOUSE  
ISLAMABAD, 20 / 7 / 2016.

To,

M/s Al-Noor Construction Company,  
Plot No. 25/E, 2<sup>nd</sup>. Floor  
Khayaban-E-Jami  
Phase-II, Extension, D.H.A.  
**KARACHI.**  
EMAIL:anc.alnoor@gmail.com

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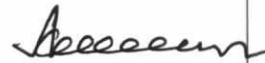
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SPECIAL PROJECT  
SINDH HOUSE, ISLAMABAD

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RESIDENT ENGINEER  
SPECIAL PROJECT  
SINDH HOUSE, ISLAMABAD



Karachi, dated the November, 2015.

NOTIFICATION

No. E&A(W&S)3-9/91/2015: With the approval of Competent Authority, a committee will be constituted in terms of Rule-31 of Sindh Public Procurement Rules-2010 to be known as "Committee for redressal of grievances and settlement of disputes, if any, arises between procuring agency and bidders for the procurement of works, goods and services in the jurisdiction of Superintending Engineer Provincial Buildings Circle, Karachi and Hyderabad :-

- |     |   |          |
|-----|---|----------|
| II  | Chief Engineer (Buildings),<br>Hyderabad          | Chairman |
| I   | Mr. Tarique Hassan<br>M/S The Architect, Karachi. | Member   |
| III | Representative of Accountant,<br>General Sindh.   | Member   |

The Functions and Responsibilities of the Committee will be as specified in rule-31(4) and (5) Sindh Public Procurement Rules-2010.

AJIAZ AHMED MEMON  
SECRETARY TO GOVT. OF SINDH

No. E&A(W&S)3-9/91-2015

Karachi dated the November, 2015

A copy is forwarded for information to:-

1. The Accountant General, Sindh, Karachi.
2. The Managing Director, SPPRA, Karachi.
3. The Chief Engineer (Buildings), Hyderabad.
4. The Deputy Secretary (staff) to Chief Secretary Sindh, Karachi.
5. The Chairman/ Members of the Committee.
6. The Superintending Engineer, Provincial Buildings Circle, Karachi.
7. The Deputy Director (Monitoring), PM&F Cell, W&S Department.
8. The Executive Engineer, Provincial Buildings Division-I, E. III, Resident Engineer, Special Project, Sindh House Islamabad and Comptroller, Sindh House Islamabad.
9. P.S to Secretary, Works & Services Department, Government of Sindh, Karachi.
10. Divisional Accounts Officer, Sindh House Islamabad.

*Dues*  
SECTION OFFICER (GENERAL)

# GOVERNMENT OF SINDH



## SINDH HOUSE ISLAMABAD

### STANDARD BIDDING DOCUMENT

(Civil Works – Large Works More Than Rs.50.000 (M)

Name of Work: **“RENOVATION / REHABILITATION OF SINDH HOUSE ISLAMABAD”**

(PHASE-1, MAIN HOUSE, GUEST HOUSE)

(CIVIL, ELECTRICAL AND PLUMBING WORKS)

Bidding Documents issued to : M/s \_\_\_\_\_

\_\_\_\_\_ Vide Pay Order/ Deposit Receipt /D.R. No. \_\_\_\_\_ Dated \_\_\_\_\_

Amounting To Rs. \_\_\_\_\_



I-1

## INSTRUCTIONS TO BIDDERS

(Note: These Instructions to Bidders along with bidding data will not be part of the Contract and will cease to have effect once the contract is signed.)

### A. GENERAL

#### IB.1 Scope of Bid

- 1.1 Procuring agency as defined in the bidding data hereinafter called "the procuring agency" wishes to receive bids for the construction and completion of works as described in these bidding documents, and summarized in the bidding data hereinafter referred to as the "Works".
- 1.2 The successful bidder will be expected to complete the works within the time specified in Appendix-A to Bid.

#### IB.2 Source of Funds

- 2.1 Procuring agency has received/allocated/ applied for loan/grant/ Federal/ Provincial/Local Government funds from the source(s) indicated in the bidding data in various currencies towards the cost of the project /scheme specified in the bidding data, and it is intended that part of the proceeds of this loan/grant/funds will be applied to eligible payments under the contract for which these bidding documents are issued.

#### IB.3 Eligible Bidders

- 3.1 This Invitation for Bids is open to **prequalified bidders** who are eligible under provisions of Sindh Public Procurement Rules as mentioned below and the criteria given in the Notice Inviting Tender (NIT)/ Bidding Document.

Firms and individuals, national or international, may be allowed to bid for any project where international competitive bidding is feasible. Any conditions for participation shall be limited to those that are essential to ensure the bidder's capability to fulfill the contract in question.

- (a) Bidders may be excluded if;
  - (i) as a matter of law or official regulations, commercial relations are prohibited with the bidder's country by the federal government in case of ICB, or
  - (ii) a firm is blacklisted/ debarred by the procuring agency and the matter has been reported to the Authority, subject to Rule 30 of Sindh Public Procurement Rules 2010.



expenses incurred as a result of such inspection.

## **B. BIDDING DOCUMENTS**

### **IB.7 Contents of Bidding Documents (SSP RULE 21)**

7.1 The bidding documents, in addition to invitation for bids, are those stated below and should be read in conjunction with any addenda issued in accordance with Clause IB.9.

- a. Instructions to Bidders.
- b. Bidding Data.
- c. General Conditions of Contract, Part-I (GCC).
- d. Special Conditions of Contract, Part-II (SCC)
- e. Specifications.
- f. Form of Bid and Appendices to Bid.
- g. Bill of Quantities (Appendix-D to Bid).
- h. Form of Bid Security.
- i. Form of Contract Agreement.
- j. Forms of Performance Security, Mobilization Advance Guarantee, Integrity Pact and Indenture bond for secured advance.
- k. Drawings.

7.2 The bidders are expected to examine carefully the contents of all the above documents. Failure to comply with the requirements of bid submission will be at the bidder's own risk. Pursuant to Clause IB.26, bids which are not substantially responsive to the requirements of the BD will be rejected.

### **IB.8 Clarification of Bidding Documents (SSP RULE 23(1)):**

Any interested bidder requiring any clarification(s) in respect of the bidding documents may notify the procuring agency in writing at the procuring agency's address indicated in the Invitation for Bids/NIT. Procuring agency will respond to any request for clarification provided they are received at least five calendar days prior to the date of opening of bid.

Provided that any clarification in response to query by any bidder; shall be communicated to all parties who have obtained bidding documents.

### **IB.9 Addendum/Modification of Bidding Documents:**

9.1 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.

9.2 Any addendum thus issued shall be part of the bidding documents pursuant to sub-clause IB 7.1 hereof and shall be communicated in writing to all bidders. Interested bidders shall acknowledge receipt of each addendum in writing to the procuring agency.

9.3 To afford bidders reasonable time in which to take an addendum into account in



this authorization shall be evidenced by submitting a power of attorney signed by legally authorized signatories of all the joint venture partners;

- (b) the bid, and in case of a successful bid, the Form of Contract Agreement shall be signed by the authorized partner so as to be legally binding on all partners;
- (c) the partner-in-charge shall always be duly authorized to deal with the procuring agency regarding all matters related with and/or incidental to the execution of works as per the terms and Conditions of Contract and in this regard to incur any and all liabilities, receive instructions, give binding undertakings and receive payments on behalf of the joint venture;
- (d) all partners of the joint venture shall at all times and under all circumstances be liable jointly and severally for the execution of the contract in accordance with the contract terms and a statement to this effect shall be included in the authorization mentioned under Sub-Para (a) above as well as in the Form of Bid and in the Form of Contract Agreement (in case of a successful bid);
- (e) a copy of the agreement entered into by the joint venture partners shall be submitted with the bid stating the conditions under which it will function, its period of duration, the persons authorized to represent and obligate it and which persons will be directly responsible for due performance of the contract and can give valid receipts on behalf of the joint venture, the proportionate participation of the several firms forming the joint venture, and any other information necessary to permit a full appraisal of its functioning. No amendments / modifications whatsoever in the joint venture agreement shall be agreed to between the joint venture partners without prior written consent of the procuring agency;
- (f) submission of an alternative Letter of Intent to execute a Joint Venture Agreement shall be mandatory.

11.3 Bidders shall also submit proposals of work methods and schedule, in sufficient detail to demonstrate the adequacy of the bidders' proposals to meet the technical specifications and the completion time referred to sub-clause IB 1.2 hereof.

#### **IB.12 Bid Prices**

- 12.1 Unless stated otherwise in the bidding documents, the contract shall be for the whole of the works as described in IB 1.1 hereof, based on the unit rates or prices submitted by the bidder or percentage quoted above or below on the rates of Composite Schedule of Rates (CSR), as the case may be.
- 12.2 The bidders shall fill in rates and prices for all items of the works described in the Bill of Quantities. Items against which no rate or price is entered by a bidder will not be paid for by the procuring agency when executed and shall be deemed to be covered by rates and prices for other items in the Bill of Quantities. In case of Composite Schedule of Rates, if the bidder fails to mention the percentage above or below, it shall be deemed to be at par with the rates of Composite Schedule of Rates.
- 12.3 The bid price submitted by the contractor shall include all rates and prices including



### **IB.15 Bid Security**

- 15.1 Each bidder shall furnish, as part of the bid, a bid security in the amount stipulated in the bidding data in Pak Rupees or an equivalent amount in a freely convertible currency.
- 15.2 The bid security shall be at the option of the bidder, in the form of deposit at call, Pay order or a bank guarantee issued by a Scheduled Bank in Pakistan or from a foreign bank duly counter guaranteed by a Scheduled Bank in Pakistan in favour of the procuring agency, which should commensurate with the bid validity period. The bank guarantee for bid security shall be acceptable in the manner as provided at Annexure BS-1
- 15.3 Any bid not accompanied by an acceptable bid security shall be rejected by the procuring agency as non-responsive.
- 15.4 Bid security shall be released to the unsuccessful bidders once the contract has been signed with the successful bidder or the validity period has expired.
- 15.5 The bid security of the successful bidder shall be returned when the bidder has furnished the required Performance Security and signed the Contract Agreement.
- 15.6 The bid security may be forfeited:
- (a) if the bidder withdraws his bid except as provided in sub- clause IB 22.1;
  - (b) if the bidder does not accept the correction of his bid price pursuant to sub-clause IB 27.2 hereof; or
  - (c) In the case of successful bidder, if he fails within the specified time limit to:
    - (i) furnish the required Performance Security; or
    - (ii) sign the Contract Agreement.

### **IB.16 Alternate Proposals/Bids**

- 16.1 Each bidder shall submit only one bid either by himself, or as a member of a joint venture, until and unless they have been requested or permitted for alternative bid, then he has to purchase separate bidding documents and alternate bid shall be treated as separate bid.
- 16.2 Alternate proposals are allowed only for procurement of works where technical complexity is involved and more than one designs or technical solutions are being offered. Two stage two envelope bidding procedure will be appropriate when alternate proposal is required.
- 16.3 Alternate bid(s) shall contain (a) relevant design calculations; (b) technical specifications; (c) proposed construction methodology; and (d) any other relevant details / conditions, provided that the total sum entered on the Form of Bid shall be



postal addresses at which notices may be legally served on them and to which all correspondence in connection with their bids and the contract is to be sent.

18.8 Bidders should retain a copy of the bidding documents as their file copy.

**D. SUBMISSION OF BIDS**

**IB.19 Sealing and Marking of Bids**

19.1 Each bidder shall submit his bid as under:

- (a) ORIGINAL and 1 (One) COPIES of the bid shall be separately sealed and put in separate envelopes and marked as such.
- (b) The envelopes containing the ORIGINAL and COPIES shall be put in one sealed envelope and addressed as given in sub – clause IB 19.2 hereof.

19.2 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 data; and
- (c) provide a warning not to open before the time and date for bid opening, as specified in the bidding data.

19.3 In addition to the identification required in sub- clause IB 19.2 hereof, the inner envelope shall indicate the name and postal address of the bidder to enable the bid to be returned unopened in case it is declared “late” pursuant to Clause IB.21

19.4 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.

**IB.20 Deadline for Submission of Bids**

- 20.1 (a) Bids must be received by the procuring agency at the address specified not later than the time and date stipulated in the bidding data,
- (b) Bids with charges payable will not be accepted, nor will arrangements be undertaken to collect the bids from any delivery point other than that specified above. Bidders shall bear all expenses incurred in the preparation and delivery of bids. No claims shall be entertained for refund of such expenses,
- (c) Where delivery of a bid is by mail and the bidder wishes to receive an acknowledgment of receipt of such bid, he shall make a request for such acknowledgment in a separate letter attached to but not included in the sealed bid package,



any Alternate Proposal(s), if any, discounts, bid modifications, substitution and withdrawals, the presence or absence of bid security, and such other details as the procuring agency may consider appropriate, and total amount of each bid, and of any alternative bids if they have been requested or permitted, shall be read aloud and recorded when opened.

- 23.4 Procuring Agency shall prepare minutes of the bid opening, including the information disclosed to those present in accordance with the sub-clause IB.23.3.

**IB.24 Process to be Confidential. (SPP Rule 53)**

- 24.1 Information relating to the examination, clarification, evaluation and comparison of bid and recommendations for the award of a contract shall not be disclosed to bidders or any other person not officially concerned with such process before the announcement of bid evaluation report in accordance with the requirements of Rule 45, which states that Procuring agencies shall announce the results of bid evaluation in the form of a report giving reasons for acceptance or rejection of bids. The report shall be hoisted on website of authority and that of procuring agency if it website exists and intimated to all bidders at least seven (7) days prior to the award of contract. The announcement to all bidders will include table(s) comprising read out prices, discounted prices, price adjustments made, final evaluated prices and recommendations against all the bids evaluated. Any effort by a bidder to influence the procuring agency's processing of bids or award decisions may result in the rejection of such bidder's bid. Whereas, any bidder feeling aggrieved, may lodge a written complaint as per Rule 31; however mere fact of lodging a complaint shall not warrant suspension of the procurement process.

**IB.25 Clarification of Bid (SPP Rule 43)**

- 25.1 To assist in the examination, evaluation and comparison of bids, the procuring agency may, at its discretion, ask any bidder for clarification of the bid, including breakdowns of unit rates. The request for clarification and the response shall be in writing but no change in the price or substance of the bid shall be sought, offered or permitted except as required to confirm the correction of arithmetic errors discovered by the procuring agency in the evaluation of the bids in accordance with clause IB 28.

**IB.26 Examination of Bids and Determination of Responsiveness**

- 26.1 Prior to the detailed evaluation of bids, the procuring agency will determine whether the bidder fulfills all codal requirements of eligibility criteria given in the tender notice such as registration with tax authorities, registration with PEC (where applicable), turnover statement, experience statement, and any other condition mentioned in the NIT and bidding document. If the bidder does not fulfill any of these conditions, it shall not be evaluated further.
- 26.2 Once found to be fulfilling the eligibility criteria, as mentioned in sub-clause 26.1, the bids of eligible bidders will be evaluated for technical responsiveness as per specification and criteria given in the bidding documents. Technical and financial evaluations may be carried out in accordance with single stage-single one envelope, single stage-two envelopes, two stage or two stage-two envelopes bidding procedures.





**IB.27 Correction of Errors before Financial Evaluation**

- 27.1 Bids determined to be substantially responsive will be checked by the procuring agency for any arithmetic errors. Errors will be corrected by the procuring agency as follows:
- (a) where there is a discrepancy between the amounts in figures and in words, the amount in words will govern; and
  - (b) where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern, unless in the opinion of the procuring agency there is an obviously gross misplacement of the decimal point in the unit rate, in which case the line item total as quoted will govern and the unit rate will be corrected.
- 27.2 The amount stated in the Form of Bid will be adjusted by the procuring agency in accordance with the above procedure for the correction of errors and with the concurrence of the bidders. The amount thus corrected shall be considered as binding upon the bidder. If the bidder does not accept the corrected bid price, his bid will be rejected, and the bid security shall be forfeited in accordance with sub- clause IB 15.6(b) hereof.

**IB.28 Financial Evaluation and Comparison of Bids**

- 28.1 The procuring agency will evaluate and compare only the Bids determined to be substantially responsive in accordance with clause IB 26.
- 28.2 In evaluating the Bids, the procuring agency will determine for each bid the evaluated bid price by adjusting the bid price as follows:
- (a) making any correction for errors pursuant to clause IB 27;
  - (b) excluding provisional sums (if any), for contingencies in the Summary Bill of Quantities, but including competitively priced Day work; and
  - (c) making an appropriate adjustment for any other acceptable variation or deviation.
- 28.3 The estimated effect of the price adjustment provisions of the conditions of contract, applied over the period of execution of the contract, shall not be taken into account in bid evaluation.
- 28.4 If the bid of the successful bidder is seriously unbalanced in relation to the procuring agency's estimate of the cost of work to be performed under the contract, the procuring agency may require the bidder to produce detailed price analyses for any or all items of the Bill of Quantities to demonstrate the internal consistency of those prices with the construction methods and schedule proposed. After evaluation of the price analyses, the procuring agency may require that the amount of the Performance Security set forth in clause IB.32 be increased at the expense of the successful bidder to a level sufficient to protect the procuring agency against financial loss in the event of default of the successful bidder under the contract.



- 29.2 Procuring agency, at any stage of the bid evaluation, having credible reasons for or having *prima facie* evidence of any deficiency(ies) in contractor's capacities, may require the contractor to provide information concerning their professional, technical, financial, legal or managerial competence whether already pre-qualified or not for the said project.

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

**IB.30 Procuring Agency's Right to reject all Bids or Annul/Cancellation the Bidding Process (SPP Rule 25)**

Notwithstanding clause IB 29 and provision of the rule: (1) A procuring agency reserves may cancel the bidding process at any time prior to the acceptance of a bid or proposal; (2) The procuring agency shall incur no liability towards bidders solely by virtue of its invoking sub -rule (1); (3) Intimation of the cancellation of bidding process shall be given promptly to all bidders and bid security shall be returned along with such intimation; (4) The procuring agency shall, upon request by any of the bidders, communicate to such bidder, grounds for cancellation of the bidding process, but is not required to justify such grounds.

**IB.31. Notification/Publication of the Award of Contract (SPP Rule 25).**

- 31.1 Prior to expiry of the period of bid validity, including extension, prescribed by the procuring agency, the procuring agency shall notify the successful bidder in writing ("Letter of Acceptance") that his bid has been accepted. This letter shall mention the sum which the procuring agency will pay to the contractor in consideration of the execution and completion of the works by the contractor as prescribed by the contract (hereinafter and in the conditions of contract called the "Contract Price").
- 31.2 No negotiation with the bidder having evaluated as lowest responsive or any other bidder shall be permitted, however, procuring agency may hold meetings to clarify any item in the bid evaluation report.
- 31.3 The notification of award and its acceptance by the bidder will constitute the formation of the contract, binding the procuring agency and the bidder till signing of the formal Contract Agreement.
- 31.4 Upon furnishing by the successful bidder of a Performance Security and signing of the contract, the procuring agency will promptly notify the name of the successful bidder to all bidders and return their bid securities accordingly.
- 31.5 Within seven days of the award of contract, procuring agency shall publish on the website of the Authority and on its own website, if such a website exists, the results of the bidding process, identify the bid through procurement identifying numbers, and the following information:
- (1) Evaluation Report;
  - (2) Form of Contract and letter of Award;
  - (3) Bill of Quantities or Schedule of Requirement.



**IB.34 General Performance of the Bidders**

Procuring agency may in case of consistent poor performance of the contractor and his failure to remedy the underperforming contract may take such action as may be deemed appropriate under the circumstances of the case including the rescinding the contract and/or black listing of such contractor and debarring him from participation in future bidding process.

**IB.35 Integrity Pact (SPP Rule 89)**

The bidder shall sign and stamp the Integrity Pact provided at Appendix-L to the bidding documents for all Provincial/Local Government procurement contracts exceeding Rupees ten million. Failure to provide such Integrity Pact shall make the bidder non-responsive.

**IB.36 Instructions not Part of Contract**

Bids shall be prepared and submitted in accordance with these Instructions which are provided to assist bidders in preparing their bids, and do not constitute part of the bid or the Contract Documents.

**IB.37 Arbitration (SPP Rule 34)**

Any dispute that is not amicably resolved shall be finally settled, unless otherwise specified in the Contract, under the Arbitration Act 1940 updated from time to time and would be held anywhere in the Province of Sindh at the discretion of procuring agency.



## BIDDING DATA



**CONTRACT / BIDDING DATA**

Instructions to  
Bidders

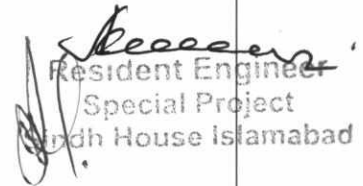
Clause  
Reference

- 1.1 Name and address of the procuring agency: **SINDH HOUSE, F-5/2,  
ISLAMABAD.**
- 1.2 Name of the Project and Summary of the works: **“RENOVATION /  
REHABILITATION OF SINDH  
HOUSE CIVIL, ISLAMABAD”  
(PHASE-1, ELECTRICAL &  
PLUMBING WORKS OF MAIN  
HOUSE AND GUEST HOUSE)  
(ADP # 2768 of 2016-17)**
- 2.1 Name of the Borrower/Source of Financing/  
Funding Agency/Funding Source:- Government of Sindh
- 2.1 Amount and Type of Financing/Scheme  
Cost and Allocated Funds. ANNUAL DEVELOPMENT  
PROGRAMME
- 8.1 Time limit for clarification: within 15 (Fifteen days) prior to  
submission.
- 10.1 Bid language: English.
- 11.1 (a) Prequalification Information to be updated
- i) Renewed license of PEC,  
category as submitted with  
prequalification documents.
  - ii) Refreshed “No Blacklisting  
& Litigation” affidavit.
  - iii) Bank Certificate for  
financial status.
  - iv)
- 11.1 (b) Furnish Technical Proposal (*in case of two envelope method*) or Company  
Profile in single stage single envelope:
- The bidder has to submit a technical proposal in sufficient detail to demonstrate  
the adequacy of the bid in meeting requirements for timely completion of the  
works.
- 13.1 *Not Applicable.*
- 14.1 Period of Bid Validity: 90 (Ninety Days)



Renovation of Sindh House Islamabad (Main House & Guest House) (Phase-I)

- 15.1 Amount of Bid Security: 2% of Offered Bid Amount.
- 17.1 Venue, time, and date of the pre-Bid meeting: Sindh House F-5/2 Islamabad  
on 02-08-2016 at 12-00 PM.
- 18.4 Number of copies of the bid to be completed and returned: One Original & One photo copy.
- 19.2 (a) Procuring Agency's address for the purpose of bid submission: Sindh House, F-5/2, Islamabad.
- 20.1 (a) Deadline for submission of bids: 10<sup>th</sup> August up to 12.00 hours
- (b) Venue, time, and date of bid opening: Sindh House Islamabad  
@ 1.00 P.M. on 10-08-2016
- 32.1 Standard form and amount of Performance Security acceptable to the procuring agency: 5% in shape of Bank Guarantee
- 32.3 Stamp duty 0.35% of Bid Amount.

  
Resident Engineer  
Special Project  
Sindh House Islamabad



**FORM OF BID  
AND  
APPENDICES TO BID**



FB-1

FORM OF BID

Bid Reference No.RE/SHI/P-13/1145, dated 13-11-2015 for "Renovation of Sindh House Islamabad"

To:

Resident Engineer,  
Special Project, Sindh House Islamabad.

1. Having examined the bidding documents including Instructions to Bidders, Bidding Data, and Conditions of Contract, Specifications, Drawings and Bill of Quantities and Addenda Nos. \_\_\_\_\_ for the execution of the above-named work, we/I, the undersigned, offer to execute and complete the work and remedy any defects therein in conformity with the Conditions of Contract, Specifications, Drawings, Bill of Quantities and Addenda for the sum of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_) or such other sum as may be ascertained in accordance with the said conditions.
  2. We/I understand that all the Appendices attached hereto form part of this bid.
  3. As security for due performance of the undertakings and obligations of this bid, we/I submit herewith a bid security in the amount of Rupees \_\_\_\_\_ (Rs. \_\_\_\_\_) drawn in your favour or made payable to procuring agency and valid for a period of \_\_\_\_\_ days beginning from the date, bid is opened.
  4. We/I undertake, if our bid is accepted, to commence the works and to complete the whole of the works comprised in the contract within the time stated in Appendix-A to Bid.
  5. We/I agree to abide by this bid for the period of \_\_\_\_\_ days from the date fixed for opening 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 do hereby declare that the bid is made without any collusion, comparison of figures or arrangement with any other bidder for the works.
- We understand that you are not bound to accept the lowest or any bid you may receive.
9. We undertake, if our/my bid is accepted, to execute the Performance Security referred to in Clause 10 of Conditions of Contract for the due performance of the Contract.
  10. We confirm, if our bid is accepted, that all partners of the joint venture shall be liable jointly and severally for the execution of the Contract and the composition or the constitution





Renovation of Sindh House Islamabad (Main House & Guest House) (Phase-1)  
of the joint venture shall not be altered without the prior consent of the procuring agency.  
(Please delete this in case of Bid form a single bidder)

in the capacity of \_\_\_\_\_ duly authorized to sign Bids for and on behalf of

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_

Signature: \_\_\_\_\_

\_\_\_\_\_  
(Name of Bidder in Block Capitals)  
(Seal)

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Witness:

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Occupation: \_\_\_\_\_



## Appendix-A to Bid

SPECIAL STIPULATIONS Clause  
Conditions of Contract

1.	Engineer representing Consulting Firm hired by the procuring agency to issue variation in case of emergency.	3.1	Up to 2% of the contract price stated in the Letter of Acceptance.
2.	Amount of Performance Security	4.2	Up to 10% of contract price. Total amount including performance security and retention money deducted from bills should not exceed 10% of contract price stated in the Letter of Acceptance.
3.	Time for Furnishing Programme	8.3	Within 42 days from the date of receipt of Letter of Acceptance.
4.	Minimum amount of Third Party Insurance	18.3	Rs. _____ per occurrence with number of occurrences unlimited.
5.	Time for Commencement	8.1	Within 14 days from the date of receipt of Engineer's Notice to Commence, this shall be issued within fourteen (14) days after signing of Contract Agreement.
6.	Time for Completion (works & sections)	8.2 & 10.2	_____ days from the date of receipt of Engineer's Notice to Commence.
7.	Amount of Liquidity Damages/Delay Damages/Penalties	8.7	-----Damages per day ( <i>are to be mentioned</i> ) but total amount will not be more than 10% of contract Price.
8.	Defects Liability Period	11.1	_____ days from the effective date of Taking Over Certificate.
9.	Percentage of Retention Money	14.2	10 % of the amount of Interim/Running Payment Certificate.
10.	Limit of Retention Money	14.2	5 % of Contract Price stated in the Letter of Acceptance.
11.	Minimum amount of Interim/Running Payment Certificates	14.2	Rs. _____
12.	Time of Payment from delivery of Engineer's Interim/Running Payment Certificate to the procuring agency.	14.7	30 days in case of local currency or 42 days in case of foreign funded projects.
13.	Mobilization Advance.	14.2	10% of Contract Price stated in the Letter of Acceptance.



BB-1

Appendix-B to Bid

**FOREIGN CURRENCY REQUIREMENTS**

1. The bidder may indicate herein below his requirements of foreign currency (if any), with reference to various inputs to the works.
2. Foreign Currency Requirement as percentage of the bid price excluding Provisional Sums \_\_\_\_\_%.
3. Table of Exchange Rates

Unit of Currency	Equivalent in Pak. Rupees
Australian Dollar	-----
Euro	-----
Japanese Yen	-----
U.K. Pound	-----
U.S. Dollars	-----
-----	-----
-----	-----



**BC-1**  
**Appendix-C to Bid**

**PRICE ADJUSTMENT UNDER CLAUSE 70/13.8**  
**OF CONDITIONS OF CONTRACT**

**A. Weight ages or coefficients are used for price adjustment.**

The source of indices and the weight ages or coefficients for use in the adjustment formula under Clause 13.8 shall be as follows:

*(To be filled by the procuring agency)*

Cost Element	Description	Weight ages	Applicable index
1	2	3	4
(i)	Fixed Portion	0.350	
(ii)	Local Labor		Government of Pakistan (GoP) Federal Bureau of Statistics (FBS) Monthly Statistical Bulletin.
(iii)	Cement – in bags		“ “ “
(iv)	Reinforcing Steel		“ “ “
(v)	High Speed Diesel (HSD)		“ “ “
(vi)	Bricks		“ “ “
(vii)	Bitumen		“ “ “
(viii)			
	Total	1.000	

**Notes:**

- 1) Indices for “(ii)” to “(vii)” are taken from the Government of Pakistan Federal Bureau of Statistics, Monthly Statistical Bulletin. The base cost indices or prices shall be those applying 15 days prior to the latest day for submission of bids. Current indices or prices shall be those applying 28 days prior to the last day of the billing period.
- 2) Any fluctuation in the indices or prices of materials other than those given above shall not be subject to adjustment of the Contract Price.
- 3) Fixed portion shown here is for typical road project, procuring agency to determine the weight age of Fixed Portion considering only those cost elements having cost impact of seven (7) percent or more on his specific project.



Appendix-D to Bid

**BILL OF QUANTITIES**

**A. Preamble**

1. The Bill of Quantities shall be read in conjunction with the Conditions of Contract, Specifications and Drawings.
2. The quantities given in the Bill of Quantities are estimated and provisional, and are given to provide a common basis for bidding. The basis of payment will be the actual quantities of work executed and measured by the Contractor and verified by the Engineer and valued at the rates and prices entered in the priced Bill of Quantities, where applicable, and otherwise at such rates and prices as the Engineer may fix as per the Contract ( in case of item not mentioned in Bill of Quantities).
3. The rates and prices entered in the priced Bill of Quantities shall, except insofar as it is otherwise provided under the contract include all costs of contractor's plant, labour, supervision, materials, execution, insurance, profit, taxes and duties, together with all general risks, liabilities and obligations set out or implied in the contract. Furthermore all duties, taxes and other levies payable by the contractor under the contract, or for any other cause, as on the date 14 days prior to deadline for submission of Bids in case of ICB/NCB respectively, shall be included in the rates and prices and the total bid price submitted by the bidder.
4. A rate or price shall be entered against each item in the priced Bill of Quantities, whether quantities are stated or not. The cost of items against which the contractor will have failed to enter a rate or price shall be deemed to be covered by other rates and prices entered in the Bill of Quantities and shall not be paid separately.
5. The whole cost of complying with the provisions of the Contract shall be included in the items provided in the priced Bill of Quantities, 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.
6. General directions and description of work and materials are not necessarily repeated nor summarised in the Bill of Quantities. References to the relevant sections of the bidding documents shall be made before entering prices against each item in the priced Bill of Quantities.
7. Provisional sums included and so designated in the Bill of Quantities shall be expended in whole or in part at the direction and discretion of the Engineer in accordance with sub-clause 13.5 of Part I, General Conditions of Contract.



NAME OF WORK =&gt;

# "RENOVATION / REHABILITATION OF SINDH HOUSE ISLAMABAD"

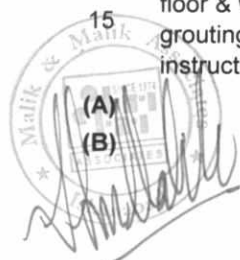
(PHASE-1, CIVIL, ELECTRICAL AND PLUMBING  
WORKS OF MAIN HOUSE & GUEST HOUSE)

## SCHEDULE "B" / B.O.Q

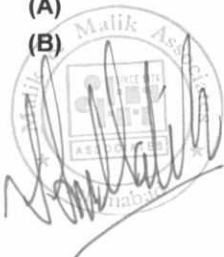
S.No.	DESCRIPTION OF ITEMS	QUANTITY	RATE	UNIT	AMOUNT
<b>(A) CIVIL WORK</b>					
1	Dismantling of existing mosaic or granite tile flooring along with C.C. bed etc. complete in all as per drawing & instruction of the consultant.				
(A)	MAIN HOUSE BUILDING	7798.79	Cft		
(B)	GUEST HOUSE BUILDING	5942.43	Cft		
		<b>13741.23</b>	<b>Cft</b>		P.Cft
2	Dismantling / removing of existing plaster of Paris / fancy gypsum false ceiling, along with wooden / aluminum false ceiling frame, dumping of debris at site from further removal as per drawing & instruction of the consultant.				
(A)	MAIN HOUSE BUILDING	9863.48	Sft		
(B)	GUEST HOUSE BUILDING	5484.54	Sft		
		<b>15348.02</b>	<b>Sft</b>		P.Sft
3	Removing existing cement plaster using scaffolding, etc complete in all as per drawing & instruction of the consultant.				
(A)	MAIN HOUSE BUILDING	48533.07	Sft		
(B)	GUEST HOUSE BUILDING	58460.35	Sft		
		<b>106993.42</b>	<b>Sft</b>		P.Sft
4	Removing of existing wooden door along with frame , dumping in site store in proper way for auction as per drawing & instruction of the consultant.				
(A)	MAIN HOUSE BUILDING	167.00	Nos.		
(B)	GUEST HOUSE BUILDING	131.00	Nos.		
		<b>298.00</b>	<b>Nos.</b>		Each
5	Dismantling of existing brick / C.C. block masonry wall, dumping debris at site for further removal as per drawing & instruction of the consultant.				
(A)	MAIN HOUSE BUILDING	1879.31	Cft		
(B)	GUEST HOUSE BUILDING	1048.43	Cft		
		<b>2927.73</b>	<b>Cft</b>		P.Cft
6	Removal of building debris from site to out of city limits by means of Suzuki load (1 Load = 70.0 Cft) at any leads as per drawing & instruction of the consultant.				
(A)	MAIN HOUSE BUILDING	307.50	Loads		
(B)	GUEST HOUSE BUILDING	259.42	Loads		
		<b>566.92</b>	<b>Load</b>		P.load
7	Applying treatment for anti-termmite operation by spraying /sprinkling /spreading method using medicine Neptachler 0.5% Emulsion or equivalent as an overall post construction treatment in slab type construction by drilling holes upto 2-0 feet deep 3-0 feet c/c along external and internal plinth area of the building as per drawing & instruction of the consultant.				
(A)	MAIN HOUSE BUILDING	4916.64	Rft		
(B)	GUEST HOUSE BUILDING	5326.34	Rft		
		<b>10242.98</b>	<b>Rft</b>		P.Rft



S.No.	DESCRIPTION OF ITEMS	QUANTITY	RATE	UNIT	AMOUNT
8	Providing and construction C.C. 1:3:6 solid block masonry wall in required thickness using 1:4 ratio cement mortar good quality block and all required sand complete in all respect as per drawing & instruction of the consultant.				
(A)	<b>MAIN HOUSE BUILDING</b>	1176.38	Cft		
(B)	<b>GUEST HOUSE BUILDING</b>	692.24	Cft		
		<b>1868.62</b>	<b>Cft</b>	P.Cft	
9	Providing & Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings etc. complete in all as per drawing & instruction of the consultant.				
(A)	<b>MAIN HOUSE BUILDING</b>	37.46	Cwt.		
(B)	<b>GUEST HOUSE BUILDING</b>	23.32	Cwt.		
		<b>60.78</b>	<b>Cwt.</b>	P.Cwt	
10	Providing & Laying Reinforced cement concrete work, the cost of steel reinforcement bending and binding labour will be paid separately. the work is complete with all forms moulds: lifting shuttering etc Ratio (1:2:4) with fine graded sand, crush & standard quality O.P.Cement etc. complete in all as per drawing & instruction of the consultant.				
(A)	<b>MAIN HOUSE BUILDING</b>	554.37	Cft		
(B)	<b>GUEST HOUSE BUILDING</b>	334.13	Cft		
		<b>888.50</b>	<b>Cft</b>	P.Cft	
11	Providing and laying 3/4" thick cement sand plaster (1:4) to walls making edges and corners, preparation of surface before plastering, finishing scaffolding, curing etc. complete in all as per drawing & instruction of the consultant.				
(A)	<b>MAIN HOUSE BUILDING</b>	43392.00	Sft		
(B)	<b>GUEST HOUSE BUILDING</b>	55254.35	Sft		
		<b>98646.35</b>	<b>Sft</b>	P.Sft	
12	Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing at stone aggregate without shuttering.(b) Ration 1:3:6, as per drawing & instruction of the consultant.				
(A)	<b>MAIN HOUSE BUILDING</b>	5229.57	Cft		
(B)	<b>GUEST HOUSE BUILDING</b>	4370.88	Cft		
		<b>9600.44</b>	<b>Cft</b>	P.Cft	
13	Providing and installation of Imported Porcelain tiles on floor, complete with screening, grouting etc. complete in all respects, as per drawing & instruction of the consultant.				
(A)	<b>MAIN HOUSE BUILDING</b>	23130.98	Sft		
(B)	<b>GUEST HOUSE BUILDING</b>	17577.03	Sft		
		<b>40708.01</b>	<b>Sft</b>	P.Sft	
14	Providing & laying of 0.75" thick marble threshold etc. complete in all respects, as per drawing & instruction of the consultant.				
(A)	<b>MAIN HOUSE BUILDING</b>	143.10	Sft		
(B)	<b>GUEST HOUSE BUILDING</b>	148.99	Sft		
		<b>292.09</b>	<b>Sft</b>	P.Sft	
15	Providing and installation of Imported Porcelain tiles on floor & walls of washroom, complete with screening, grouting etc. complete in all respects, as per drawing & instruction of the consultant.				
(A)	<b>MAIN HOUSE BUILDING</b>	4387.66	Sft		
(B)	<b>GUEST HOUSE BUILDING</b>	4299.02	Sft		
		<b>8686.67</b>	<b>Sft</b>	P.Sft	



S.No.	DESCRIPTION OF ITEMS	QUANTITY	RATE	UNIT	AMOUNT
16	Providing and fixing marble top as per design, etc. complete in all respects, as per drawing & instruction of the consultant.				
(A)	<b>MAIN HOUSE BUILDING</b>	190.00	Sft		
(B)	<b>GUEST HOUSE BUILDING</b>	180.00	Sft		
		<b>370.00</b>	<b>Sft</b>		P.Sft
17	Providing & laying of 3" high & 1/2" thick back slash on vanity as per drawing & instruction of the consultant.				
(A)	<b>MAIN HOUSE BUILDING</b>	30.88	Sft		
(B)	<b>GUEST HOUSE BUILDING</b>	29.25	Sft		
		<b>60.13</b>	<b>Sft</b>		P.Sft
18	Providing & fixing 2" thick single leaf flush door solid core with Teak wood ply & required wooden frame as per required size / quality with teak wood finish, with door beading & architrave, door handle, mortise lock with brass stripe plate where required, floor mounted door stopper, all hard ware & concealed door closer of Imported "BONCO" or equivalent quality make, also applying odorless "Solignum treatment" etc Complete as per drawing & specifications, with all required accessories etc. complete in all respects, as per drawing & instruction of the consultant.				
(A)	<b>MAIN HOUSE BUILDING</b>	1206.87	Sft		
(B)	<b>GUEST HOUSE BUILDING</b>	1256.50	Sft		
		<b>2463.37</b>	<b>Sft</b>		P.Sft.
19	Wardrobe 6'-6"x7'-0": Providing and installation of wardrobe with 0.75" thick commercial veneer board structure ash wood texture, with commercial veneer board shutters including PVC lapping, including S.S. locks, handles, & all necessary hardware, complete with polishing in matt finish, as per design & drawing complete in all respects.				
(A)	<b>MAIN HOUSE BUILDING</b>	1729.00	Sft		
(B)	<b>GUEST HOUSE BUILDING</b>	819.00	Sft		
		<b>2548.00</b>	<b>Sft</b>		P.Sft
20	Providing fabrication and installation in position 12 mm of Gypsum board sheet (Gypsum Board : Elephant Brand Thailand or approved equivalent) including G.I. frame of approved sections with G.I. hangers & 16-18 swg aluminum edging as shown, cutting of opening for lights fixture / diffusers with making of light pelmet, fiber tape on joints, including 3 coats of Matt enamel paint finish (Jotun / ICI or Berger), primer coat, filling if required with all other hardware's, wastage, scaffolding, making access panel (where required) etc in all respect as per design & drawing complete in all respects.				
(A)	<b>MAIN HOUSE BUILDING</b>	17967.28	Sft		
(B)	<b>GUEST HOUSE BUILDING</b>	15980.61	Sft		
		<b>33947.88</b>	<b>Sft</b>		P.Sft
21	Providing and installation of HD aluminum section powder coated open able windows including mosquito mesh with 6mm, 12mm, 6mm tempered performance glass package complete in all respect, as per design & drawing complete in all respects.				
(A)	<b>MAIN HOUSE BUILDING</b>	3934.20	Sft		
(B)	<b>GUEST HOUSE BUILDING</b>	1949.50	Sft		
		<b>5883.70</b>	<b>Sft</b>		P.Sft





S.No.	DESCRIPTION OF ITEMS	QUANTITY	RATE	UNIT	AMOUNT
22	Providing and applying ICI Plastic Emulsion paint on ceiling & walls including primer coat, sanding, filling and 3 coats of ICI Paint of approved color and shade.				
(A)	<b>MAIN HOUSE BUILDING</b>	53255.48	Sft		
(B)	<b>GUEST HOUSE BUILDING</b>	60738.89	Sft		
		<b>113994.37</b>	<b>Sft</b>		P.Sft
23	Providing and applying ICI Enamel paint on Doors, Windows & Ventilators, sanding, filling and 3 coats of ICI Paint of approved color and shade.				
(A)	<b>MAIN HOUSE BUILDING</b>	2413.74	Sft		
(B)	<b>GUEST HOUSE BUILDING</b>	2513.00	Sft		
		<b>4926.74</b>	<b>Sft</b>		P.Sft
24	Providing and fixing of shower cabin with 12mm imported tempered glass partition etc, including all accessories etc. As per design, complete in all respects.				
(A)	<b>MAIN HOUSE BUILDING</b>	864.50	Sft		
(B)	<b>GUEST HOUSE BUILDING</b>	819.00	Sft		
		<b>1683.50</b>	<b>Sft</b>		P.Sft
					<b>Total (A)</b>
<b>(B)</b>	<b>EXTERIOR WORK</b>				
1	Providing and applying ICI Weather shield paint after full scraping on ceiling & walls including primer coat, sanding, filling and 3 coats acrylic base of ICI Paint of approved color and shade as per drawing & instruction of the consultant.				
(A)	<b>MAIN HOUSE BUILDING</b>	11513.56	Sft		
(B)	<b>GUEST HOUSE BUILDING</b>	3457.50	Sft		
		<b>14971.06</b>	<b>Sft</b>		P.Sft
2	Providing and applying paint on bricks wall cladding after full scraping/cleaning including primer coat, sanding, filling and 3 coats acrylic base of ICI Paint of approved color and shade as per drawing & instruction of the consultant.				
(A)	<b>MAIN HOUSE BUILDING</b>	13823.94	Sft		
(B)	<b>GUEST HOUSE BUILDING</b>	12363.50	Sft		
		<b>26187.44</b>	<b>Sft</b>		P.Sft
3	Terrace Steps and Exterior steps Providing & laying of 0.75" thick pre polished 0.75" thick Verona marble treads in terrace area, as per design & instruction of the consultant, complete in all respect.				
(A)	<b>MAIN HOUSE BUILDING</b>	137.74	Sft		
(B)	<b>GUEST HOUSE BUILDING</b>	0.00	Sft		
		<b>137.74</b>	<b>Sft</b>		P.Sft
4	Providing and installation of metal cladding after removal old damaged wood false ceiling & stacking at site, of wood finish powder coated under shades of the building with aluminum hanging system complete in all respect as per design and drawings.				
(A)	<b>MAIN HOUSE BUILDING</b>	2325.00	sft		
(B)	<b>GUEST HOUSE BUILDING</b>	2482.50	sft		
		<b>4807.50</b>	<b>sft</b>		P.Sft
5	Providing and laying minimum 3" to 4" thick cement sand screed 1:4 in 1:80 slope with silicon fillet 2"x2" on all edges of parapet wall complete in all respects as per drawings and engineer instructions.				
(A)	<b>MAIN HOUSE BUILDING</b>	16553.50	sft		
(B)	<b>GUEST HOUSE BUILDING</b>	12773.25	sft		
		<b>29326.75</b>	<b>sft</b>		P.Sft

S.No.	DESCRIPTION OF ITEMS	QUANTITY	RATE	UNIT	AMOUNT
6	Providing and Applying of water proofing (StyrcBond Polystyrene flexible waterproofing with total thickness of 1.50" inch) to wet areas horizontally for first floor only complete as per drawings and engineer instructions.				
(A)	MAIN HOUSE BUILDING	16553.50	sft		
(B)	GUEST HOUSE BUILDING	12773.25	sft		
		<b>29326.75</b>	<b>sft</b>		P.Sft
7	Providing and laying of 1000g polythene sheet. Complete in all respects as per drawings and specifications and as directed by the engineer.				
(A)	MAIN HOUSE BUILDING	16553.50	sft		
(B)	GUEST HOUSE BUILDING	12773.25	sft		
		<b>29326.75</b>	<b>sft</b>		P.Sft
8	Providing and fixing bitumen felt paper of 60 Lbs over roof i/c cleaning of roof with wire brush and removing dust, applying bitumen coat at the rate of 34 Lbs per % sft as premix inter coats and then laying felt paper with 10% over laps, then applying and spreading hill sand at the rate of 1 cft for 100 sft. The cost also i/c necessary fire material, kerosene oil, wood etc as per drawings and engineer instructions.				
(A)	MAIN HOUSE BUILDING	16553.50	sft		
(B)	GUEST HOUSE BUILDING	12773.25	sft		
		<b>29326.75</b>	<b>sft</b>		P.Sft
9	Providing and Applying of khuprail on roof top, complete in all respects as per drawings and as directed by the engineer instructions.				
(A)	MAIN HOUSE BUILDING	16553.50	sft		
(B)	GUEST HOUSE BUILDING	12773.25	sft		
		<b>29326.75</b>	<b>sft</b>		P.Sft
					<b>Total (B)</b>



S.No.	DESCRIPTION OF ITEMS	QUANTITY	RATE	UNIT	AMOUNT
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**(C) PLUMBING WORKS**

**GENERAL NOTE**

Supply, installation, testing and commissioning of the following items of work, including all labour, tools, plant, accessories, etc. required for completion of each item as per specifications and as approved by the Project Architect/ Engineer.

**SANITARY FIXTURES AND FITTINGS**

MB-P-01	Glazed earthen ware water closet apparatus European pattern one piece type (imported of approved manufacturer) including seat cover, CP t-stop cock, flexible connection etc., fixed to concrete, brick or stone work, complete in all respects.	(A) MAIN HOUSE BUILDING (B) GUEST HOUSE BUILDING	19 Nos. 18 Nos.		Each
MB-P-02	Glazed earthen ware Wall urinal (imported of approved manufacturer) including CP urinal flush valve, P-trap, waste pipe etc., fixed to concrete, brick or stone work, complete in all respects.	(A) MAIN HOUSE BUILDING (B) GUEST HOUSE BUILDING	1 No. 0 No.		Each
MB-P-03	Glazed earthen ware Vanity type wash hand basin (imported of approved manufacturer) including CP bottle trap with union 1-1/4", CP tee-stop cocks, CP mixer for cold and hot water jointing and sealing material, etc. with all accessories for complete installation.	(A) MAIN HOUSE BUILDING (B) GUEST HOUSE BUILDING	24 Nos. 18 Nos.		Each
MB-P-04	Kitchen sink (double bowl) (imported of approved manufacturer) including C.P. sink mixer for cold and hot water, C.P. waste 1-1/2" dia. etc., jointing and sealing material, painted heavy duty C.I. brackets etc. with all accessories for complete installation.	(A) MAIN HOUSE BUILDING (B) GUEST HOUSE BUILDING	2 Nos. 1 Nos.		Each
MB-P-05	5mm thick Glass mirror Belgium make or equivalent, including hard board behind it and all other fittings for complete installation (including approved beading around mirror).	(A) MAIN HOUSE BUILDING (B) GUEST HOUSE BUILDING	230 Sft 200 Sft		P.Sft
MB-P-06	CP Toilet paper holder complete with plugs, screws etc., fixed to concrete, brick, stone or wood work, complete in all respects.	(A) MAIN HOUSE BUILDING (B) GUEST HOUSE BUILDING	19 Nos. 18 Nos.		Each
MB-P-07	CP Soap Dispenser complete with plugs, screws etc., fixed to concrete, brick, stone or wood work, complete in all respects.	(A) MAIN HOUSE BUILDING (B) GUEST HOUSE BUILDING	21 Nos. 18 Nos.		Each



S.No.	DESCRIPTION OF ITEMS	QUANTITY	RATE	UNIT	AMOUNT
MB-P-08	CP Towel Rail 600mm long, complete with nuts bolts etc.				
(A)	MAIN HOUSE BUILDING	20 Nos.			
(B)	GUEST HOUSE BUILDING	18 Nos.			
		<b>38 Nos.</b>		Each	
MB-P-09	CP Muslim Shower combined with CP double bib-cock of approved colour and make including all fittings for complete installation.				
(A)	MAIN HOUSE BUILDING	19 Nos.			
(B)	GUEST HOUSE BUILDING	18 Nos.			
		<b>37 Nos.</b>		Each	
MB-P-10	CP Bib cock including all fittings for complete installation.				
(A)	MAIN HOUSE BUILDING	2 Nos.			
(B)	GUEST HOUSE BUILDING	2 Nos.			
		<b>4 Nos.</b>		Each	
MB-P-11	CP Garden Tap including all fittings for complete installation.				
(A)	MAIN HOUSE BUILDING	2 Nos.			
(B)	GUEST HOUSE BUILDING	2 Nos.			
		<b>4 Nos.</b>		Each	
MB-P-12	CP Bath shower 04 knob open wall type including mixing valve, shower arm, rain shower head and all accessories for complete installation, of approved make.				
(A)	MAIN HOUSE BUILDING	17 Nos.			
(B)	GUEST HOUSE BUILDING	18 Nos.			
		<b>35 Nos.</b>		Each	
MB-P-13	Construction of Gully Trap Chamber (12"x12" clear) including supply & fixing of C.I. gully trap, C.I. cover with frame, construction of RCC 1:2:4 chamber, 3" thick 1:4:8 PCC at bottom, 1:2:4 PCC in benching, (12"x12") CI cover with frame (7 kg), 1/2" thick 1:3 c/s plaster on inner face, etc. complete in all respects as shown on drawings or as directed.				
(A)	MAIN HOUSE BUILDING	9 Nos.			
(B)	GUEST HOUSE BUILDING	4 Nos.			
		<b>13 Nos.</b>		Each	
MB-P-14	Stainless Steel Grease interceptor complete unit, conforming to Jay R. Smith Mfg. Co. Standard, of approved make and size, complete in all respects as per specifications, drawings and as directed by the Engineer.				
(A)	MAIN HOUSE BUILDING	1 Nos.			
(B)	GUEST HOUSE BUILDING	1 Nos.			
		<b>2 Nos.</b>		Each	
<b>WATER SUPPLY PIPES AND FITTINGS</b>					
MB-P-15	G.I. water pipes conforming to BS-1387, Medium Grade, l/c all fittings, wrapping polythene tape, glass wool thermal insulation, GI cladding, giving anticorrosion treatment, applying protective painting, supports and hangers, making holes in concrete or masonry and then repairing holes, flushing, disinfecting, testing and commissioning etc. of approved make, of the following diameters, complete in all respects.				
(a)	3/4 inches				
(A)	MAIN HOUSE BUILDING	50 Rft			
(B)	GUEST HOUSE BUILDING	40 Rft			
		<b>90 Rft</b>		P Rft	



S.No.	DESCRIPTION OF ITEMS	QUANTITY	RATE	UNIT	AMOUNT
(b)	1 inches				
(A)	MAIN HOUSE BUILDING	20	Rft		
(B)	GUEST HOUSE BUILDING	0	Rft		
		<b>20</b>	<b>Rft</b>		P.Rft
(c)	1-1/2 inches				
(A)	MAIN HOUSE BUILDING	60	Rft		
(B)	GUEST HOUSE BUILDING	30	Rft		
		<b>90</b>	<b>Rft</b>		P.Rft
(d)	2 inches				
(A)	MAIN HOUSE BUILDING	100	Rft		
(B)	GUEST HOUSE BUILDING	50	Rft		
		<b>150</b>	<b>Rft</b>		P.Rft
MB-P-16	PPR water pipes PN-20 (for cold and hot water), inside building (un-exposed to sunlight conditions) conforming to DIN 8077-78, l/c all fittings (PN-25), cutting, jointing, making holes in concrete or masonry and then repairing holes, supports and hangers etc. of approved make of the following diameters.				
(a)	25 mm				
(A)	MAIN HOUSE BUILDING	140	Rft		
(B)	GUEST HOUSE BUILDING	100	Rft		
		<b>240</b>	<b>Rft</b>		P.Rft
(b)	32 mm				
(A)	MAIN HOUSE BUILDING	320	Rft		
(B)	GUEST HOUSE BUILDING	350	Rft		
		<b>670</b>	<b>Rft</b>		P.Rft
(c)	40 mm				
(A)	MAIN HOUSE BUILDING	480	Rft		
(B)	GUEST HOUSE BUILDING	300	Rft		
		<b>780</b>	<b>Rft</b>		P.Rft
(d)	50 mm				
(A)	MAIN HOUSE BUILDING	110	Rft		
(B)	GUEST HOUSE BUILDING	150	Rft		
		<b>260</b>	<b>Rft</b>		P.Rft
(e)	63 mm				
(A)	MAIN HOUSE BUILDING	110	Rft		
(B)	GUEST HOUSE BUILDING	200	Rft		
		<b>310</b>	<b>Rft</b>		P.Rft
MB-P-17	<b>VALVES</b> Brass/Bronze gate valves, conforming to BS standards of KITZ (Japan) make or equivalent, including jointing arrangement of pipes on both ends of valves; nuts, bolts etc. complete in all respects, of following internal diameters.				
(a)	3/4 inches				
(A)	MAIN HOUSE BUILDING	34	Nos.		
(B)	GUEST HOUSE BUILDING	40	Nos.		
		<b>74</b>	<b>Nos.</b>		Each
(b)	1 inches				
(A)	MAIN HOUSE BUILDING	16	Nos.		
(B)	GUEST HOUSE BUILDING	12	Nos.		
		<b>28</b>	<b>Nos.</b>		Each
(c)	1-1/4 inches				
(A)	MAIN HOUSE BUILDING	2	Nos.		
(B)	GUEST HOUSE BUILDING	2	Nos.		
		<b>4</b>	<b>Nos.</b>		Each



S.No.	DESCRIPTION OF ITEMS	QUANTITY	RATE	UNIT	AMOUNT
(d)	1-1/2 inches				
(A)	MAIN HOUSE BUILDING	8 Nos.			
(B)	GUEST HOUSE BUILDING	6 Nos.			
		<b>14 Nos.</b>		Each	
(e)	2 inches				
(A)	MAIN HOUSE BUILDING	12 Nos.			
(B)	GUEST HOUSE BUILDING	2 Nos.			
		<b>14 Nos.</b>		Each	
MB-P-18	Brass/Bronze swing type check valves on water supply pipes, conforming to BS standards, of KITZ (Japan) make or equivalent, including jointing arrangement of pipes on both ends of valves; nuts, bolts etc. complete in all respects, of following internal diameters.				
(a)	1 inches				
(A)	MAIN HOUSE BUILDING	2 Nos.			
(B)	GUEST HOUSE BUILDING	2 Nos.			
		<b>4 Nos.</b>		Each	
(b)	2 inches				
(A)	MAIN HOUSE BUILDING	4 Nos.			
(B)	GUEST HOUSE BUILDING	0 Nos.			
		<b>4 Nos.</b>		Each	
MB-P-19	Brass/Bronze Air vent/relief valve, Italy made or approved, jointing arrangement of pipe with valve; etc. complete in all respects.				
(a)	3/4 inches				
(A)	MAIN HOUSE BUILDING	18 Nos.			
(B)	GUEST HOUSE BUILDING	24 Nos.			
		<b>42 Nos.</b>		Each	
MB-P-20	<b>SOIL, WASTE AND VENT PIPES &amp; FITTINGS</b> uPVC Soil, Waste and vent pipes conforming to ISO:3633 type "B" or BS-4514/5255 class "A" of the following diameters, including imported rubber ring/solvent cement fittings, jointing, cutting, supports and hangers, breaking concrete/masonry and then making it good, applying painting, cleaning and testing etc. complete in all respects.				
(a)	1-1/2 inches				
(A)	MAIN HOUSE BUILDING	100 Nos.			
(B)	GUEST HOUSE BUILDING	100 Nos.			
		<b>200 Nos.</b>		Each	
(b)	2 inches				
(A)	MAIN HOUSE BUILDING	120 Nos.			
(B)	GUEST HOUSE BUILDING	130 Nos.			
		<b>250 Nos.</b>		Each	
(c)	3 inches				
(A)	MAIN HOUSE BUILDING	850 Nos.			
(B)	GUEST HOUSE BUILDING	620 Nos.			
		<b>1470 Nos.</b>		Each	
(d)	4 inches				
(A)	MAIN HOUSE BUILDING	700 Nos.			
(B)	GUEST HOUSE BUILDING	410 Nos.			
		<b>1110 Nos.</b>		Each	
(e)	6 inches				
(A)	MAIN HOUSE BUILDING	20 Nos.			
(B)	GUEST HOUSE BUILDING	20 Nos.			
		<b>40 Nos.</b>		Each	

S.No.	DESCRIPTION OF ITEMS	QUANTITY	RATE	UNIT	AMOUNT
MB-P-21	uPVC Multi Floor Trap (110x75mm) including S.S. Top tile strainer; supports; making required number of connections; breaking concrete or masonry work & then making it good; etc.				
	(A) MAIN HOUSE BUILDING	43	Nos.		
	(B) GUEST HOUSE BUILDING	38	Nos.		
		<b>81</b>	<b>Nos.</b>	Each	
MB-P-22	uPVC Floor Trap including p-trap 4inches diameter, S.S. Top tile strainer; supports; making required number of connections; breaking concrete or masonry work & then making it good; etc.				
	(A) MAIN HOUSE BUILDING	11	Nos.		
	(B) GUEST HOUSE BUILDING	1	Nos.		
		<b>12</b>	<b>Nos.</b>	Each	
MB-P-23	uPVC floor Cleanout of the following diameter, including 2 No. 450 elbows, transition pipe, socket plug, breaking concrete or masonry work & then making it good, etc. complete in all respects.				
	(a) 3 inches				
	(A) MAIN HOUSE BUILDING	5	Nos.		
(B) GUEST HOUSE BUILDING	2	Nos.			
		<b>7</b>	<b>Nos.</b>	Each	
	(b) 4 inches				
(A) MAIN HOUSE BUILDING	5	Nos.			
(B) GUEST HOUSE BUILDING	4	Nos.			
		<b>9</b>	<b>Nos.</b>	Each	
MB-P-24	Cawal on vent pipes of the following diameter.				
(a) 3 inches					
(A) MAIN HOUSE BUILDING	19	Nos.			
(B) GUEST HOUSE BUILDING	14	Nos.			
		<b>33</b>	<b>Nos.</b>	Each	
<b>RAIN WATER AND STORM DRAINAGE PIPES &amp; FITTINGS</b>					
MB-P-25	uPVC Soil, Waste and vent pipes conforming to ISO:3633 type "B" or BS-4514/5255 class "A" of the following diameters, including imported rubber ring/solvent cement fittings, jointing, cutting, supports and hangers, breaking concrete/masonry and then making it good, applying painting, cleaning and testing etc. complete in all respects.				
	(a) 4 inches				
	(A) MAIN HOUSE BUILDING	100	Rft		
(B) GUEST HOUSE BUILDING	0	Rft			
		<b>100</b>	<b>Rft</b>	P.Rft	
MB-P-26	CI roof drain of approved make of following diameters, including strainer, flushing material, and all accessories for complete installation, as per specifications.				
(a) 4 inches					
(A) MAIN HOUSE BUILDING	4	Nos.			
(B) GUEST HOUSE BUILDING	0	Nos.			
		<b>4</b>	<b>Nos.</b>	Each	



S.No.	DESCRIPTION OF ITEMS	QUANTITY	RATE	UNIT	AMOUNT
	<b>PUMPING MACHINERY/EQUIPMENT</b>				
	Skid mounted Booster Pump set for potable water supply, including 2(two) Number Vertical Centrifugal Pumps (with electric motor), both of Capacity=30gpm each, Head=03Bars to 05Bars each, one 300liter Pressure tank bladder type, motor control unit, including all accessories , control panel, suction and discharge headers, pressure switches to maintain specified pressure in water supply lines as per drawings, pressure gauges, manual tools, spare parts, testing and commissioning etc., complete in all respect ready to be connected with suction and delivery lines of water supply network in building, M/S Grundfos make or approved equivalent as per specs. and drawings.				
MB-P-27					
(A)	<b>MAIN HOUSE BUILDING</b>	2	Job		
(B)	<b>GUEST HOUSE BUILDING</b>	0	Job		
		<u>2</u>	<u>Job</u>		
				P.Job	

**MB-P-28 HOT WATER STORAGE HEATER**

HOT WATER HEATER (boiler with storage tank for hot water supply) M/S IME Model RDG 315-200 MF (or approved equivalent) Multi flue, Hi recovery, standing pilot, single stage, gas fired, Storage water heater, 315,000 Btu input & 200Gallon storage tank complete as per specifications, to deliver hot water from 40degree F to 140degree F, consisting of following major components:

**HEATER PRIMARY**

single stage, natural gas fired auto-ignition, fully packaged, four pass flexible water tube design hot water boiler complete with following;  
 -On / off type operating thermostat.  
 -Hi-limit Thermostat.  
 -Lo-water cut-off controller.  
 -Hi-pressure safety relief valve.  
 -Heater mounted temperature & pressure gauge.  
 -Pre-wired unit mounted power & indication panel including Audible Alarm (Hooter) for low-water in boiler & hi-temperature in boiler with manual reset.  
 -Power & Alarm indicator Lamps.  
 -Panel mounted Digital water inlet & outlet indicating thermometers.

Unit shall be complete in all respect with double insulation of ceramic wool internally & Rockwool on inside of external body. All painted to white color. Unit will have a minimum efficiency of 80% & suitable for an outlet temperature of up to 140degree F. (Field adjustable from 60 to 140) & generally as per literature enclosed

**STORAGE TANK 300 US-GALLONS**

A Pre-installed, piped vertical M.S. plate welded construction storage tank shall be supplied including some of with following major components.

- Dished heads.
- 3mm thick fiber glass lined from inside.
- 18" dia Man hole with fiber glass lined cover.
- 2" thick rock wool insulation.
- M.S. pre-painted sheet jacketing.
- Auto air vent.
- Pressure gauge.
- Tank water thermometer bi-metal type.
- Valve drain at bottom of tank.
- Flanged, S.S In/Out/re-circulation/connections.





S.No.	DESCRIPTION OF ITEMS	QUANTITY	RATE	UNIT	AMOUNT
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**HEAT EXCHANGER**

A removable copper tube bundle type Heat Exchanger shall be pre-installed and piped with in / out water thermometer and brass wells.  
 Unit shall have a heat exchanger suitable for capacity of the primary water Heater.  
 Complete heat exchanger shall be installed in an S.S housing to avoid mixing of cold water with hot water in the tank.  
 This way cold water first get heated and then stored.  
 There is not temperature dilution of the stored hot water.

**EXPANSION TANK**

An expansion tank with gauge glass shall be installed and piped to the boiler.

**CIRCULATION PUMPS**

1. Water heater and storage section will include a imported Made in Italy, in line type stainless steel impeller and stainless steel shaft with mechanical seal, circulation pump with associated disconnect contractor overload, inter-locked with the heater. All M.S. Piping and electric connections.  
 2. System will also include a imported Made in Italy or approved equivalent, in line type stainless steel impeller and stainless steel shaft with mechanical seal, circulation pump of appropriate head & discharge with electric motor and motor control panel and all other accessories for circulation of hot water in hot water supply network of building through hot water supply and return line as per drawings and as directed by the engineer.  
 - Check valve  
 - Gate valve  
 - Discharge pressure gauge  
 Skid  
 All above shall be assembled on a single M.S channel skid pre-piped, pre-wired for field installation.  
 Unit will be painted to a white paint.

(A)	<b>MAIN HOUSE BUILDING</b>	2	Job
(B)	<b>GUEST HOUSE BUILDING</b>	2	Job
		<u>4</u>	<b>Job</b>

P.Job

**EXTERNAL WORKS**

Construction of 3'-0" x 3'-0"(internal clear size) and up to 7feet depth RCC Manholes/Catch pits including all works like excavation, backfill, P.C.C(1:4:8)lean, R.C.C(1:2:4) base/top slab &walls, Grade-40 steel reinforcement, 1:4 c/s plaster 1/2" thick, P:C:C(1:3:6) benching, bitumen coats (02) on external surfaces fixing of bitumen coated 24"x24" Cast iron manhole/grating cover etc (excluding cost of cover) complete in all respect as shown on drawing of following invert depth ranges:

MB-P-29

(A)	<b>MAIN HOUSE BUILDING</b>	8	Nos.
(B)	<b>GUEST HOUSE BUILDING</b>	7	Nos.
		<u>15</u>	<b>Nos.</b>

P.Job



S.No.	DESCRIPTION OF ITEMS	QUANTITY	RATE	UNIT	AMOUNT
MB-P-30	Bitumen coated cast Iron manhole cover with frame conforming to BS standards, on sewerage manholes,etc including all fittings for complete installation.				
(a)	24"x24" (90 KG)				
(A)	MAIN HOUSE BUILDING	8		Nos.	
(B)	GUEST HOUSE BUILDING	5		Nos.	
		<b>13</b>		<b>Nos.</b>	P.Job
MB-P-31	Construction of 3'-0"x3'-0"x3'-0" (internal clear size) Valve Chamber in Brick Masonry including all works like excavation, backfill, P.C.C(1:4:8)lean, P:C:C(1:3:6) bedding, Brick Work (1:4 c/s) RCC top slab (1:2:4) & Grade-40 steel reinforcement, 1:4 c/s plaster 1/2" thick, bitumen coats (02) on external surfaces fixing of bitumen coated 24"x24" Cast iron cover(70kg) etc complete in all respect as shown on drawing.				
(A)	MAIN HOUSE BUILDING	8		Nos.	
(B)	GUEST HOUSE BUILDING	5		Nos.	
		<b>13</b>		<b>Nos.</b>	P.Job
					<b>Total (C)</b>

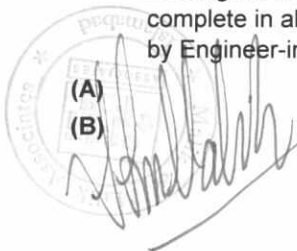


S.No.	DESCRIPTION OF ITEMS	QUANTITY	RATE	UNIT	AMOUNT
<b>(D)</b>	<b><u>ELECTRICAL WORKS</u></b>				
	<b>A) INTERNAL WIRING</b>				
<b>AE-01</b>	<b>Circuits</b> Supply, installation, testing & commissioning of circuit wiring from distribution board to the nearest switch board to be wired with 3x single core 2.5mm sq (7/029) PVC insulated 300/500 volt grade copper wire (Phase Neutral & Earth) in and including cost of appropriate size of PVC conduit (min size 20mm dia) recessed in walls, columns, floors, slabs or as required as per site conditions complete with all PVC conduit accessories such as pull boxes, junctions boxes, sockets, bends, steel pull wire and complete in all respects. Each circuit shall have independent insulated green colour copper wire as earth conductor.				
(A)	<b>MAIN HOUSE BUILDING</b>	60	Nos.		
(B)	<b>GUEST HOUSE BUILDING</b>	50	Nos.		
		<b>110</b>	<b>Nos.</b>	Each	
	Note: Not more than two circuits of the same phase in one conduit of 25mm dia.				
<b>AE-02</b>	<b><u>1-Light point Control</u></b> Wiring for one light point controlled by one switch and wired with 2x single core 1.5mm sq (3/036) PVC insulated, 300/500 volt grade copper wire (Phase, Neutral & Earth) in and including cost of appropriate size of PVC conduit (min size 20mm dia) partly shared recessed in walls, columns, floors, slabs or as required as per site conditions including all conduit accessories such as steel pull boxes, PVC junction boxes for ceiling and wall, sockets & bends also steel pull wire. Complete in all respects with final testing and commissioning.				
(A)	<b>MAIN HOUSE BUILDING</b>	200	Nos.		
(B)	<b>GUEST HOUSE BUILDING</b>	195	Nos.		
		<b>395</b>	<b>Nos.</b>	Each	
<b>AE-03</b>	Same as item AE-02				
	a. Two light points				
(A)	<b>MAIN HOUSE BUILDING</b>	195	Nos.		
(B)	<b>GUEST HOUSE BUILDING</b>	130	Nos.		
		<b>325</b>	<b>Nos.</b>	Each	
	b. Two light points				
(A)	<b>MAIN HOUSE BUILDING</b>	75	Nos.		
(B)	<b>GUEST HOUSE BUILDING</b>	28	Nos.		
		<b>103</b>	<b>Nos.</b>	Each	
<b>AE-04</b>	<b><u>1-Light Point Control by 2 way Switch</u></b> Same as item AE-02 mentioned above but one light point controlled by 2-two way switches as shown in the drawings.				
(A)	<b>MAIN HOUSE BUILDING</b>	6	Nos.		
(B)	<b>GUEST HOUSE BUILDING</b>	6	Nos.		
		<b>12</b>	<b>Nos.</b>	Each	
<b>AE-05</b>	<b><u>3 Pin 5/10 AMPS Switch Sockets Circuits</u></b> Circuit Wiring for set of 3 pin 5/10 AMP switch socket combined unit with 3x single core 2.5mm Sq (7/029) from nearest switch board or from nearest 15 Amp switch socket unit. Complete in all respect with final testing and commissioning.				
(A)	<b>MAIN HOUSE BUILDING</b>	35	Nos.		
(B)	<b>GUEST HOUSE BUILDING</b>	30	Nos.		
		<b>65</b>	<b>Nos.</b>	Each	

S.No.	DESCRIPTION OF ITEMS	QUANTITY	RATE	UNIT	AMOUNT
<b>AE-06</b>	<b>2 Pin Shaver Switch Sockets</b> Same as item AE-02 mentioned above but for 2 Pin 5 Amp shaver socket unit				
(A)	<b>MAIN HOUSE BUILDING</b>	20	Nos.		
(B)	<b>GUEST HOUSE BUILDING</b>	20	Nos.		
		<b>40</b>	<b>Nos.</b>	Each	
<b>AE-07</b>	<b>3 Pin 15 AMPS Switch Sockets</b> Wiring for one 3 pin 15 AMP switch-socket combined unit direct from DB with 3xsingle core 4mm sq (7/085)/(7/036) PVC insulated, 300/500 volt grade copper wire (Phase, Neutral & Earth) in and including cost of 25mm dia PVC conduit recessed in walls, columns, floors, slabs or as required as per site condition including all conduit accessories such as sockets, bends, steel pull boxes and complete in all respects with final testing and commissioning.				
(A)	<b>MAIN HOUSE BUILDING</b>	5	Nos.		
(B)	<b>GUEST HOUSE BUILDING</b>	5	Nos.		
		<b>10</b>	<b>Nos.</b>	Each	
<b>AE-08</b>	<b>AC - SOCKETS.</b> Same as item AE-11 mentioned above but for A/C Socket and Cassette type A/C with 3 Core. 6mm Sq. (7/044).				
(A)	<b>MAIN HOUSE BUILDING</b>	48	Nos.		
(B)	<b>GUEST HOUSE BUILDING</b>	29	Nos.		
		<b>77</b>	<b>Nos.</b>	Each	
	<b>B) SWITCHES &amp; SOCKETS</b>				
<b>BE-01</b>	<b>Switch Plates</b> Supply and installation of 5 amps piano type switch gang plate with appropriate size of back steel box 16SWG two coats of antirust paint fixed recessed in wall including all fixing accessories and of the following types:				
	i) 1 gang switch plate				
(A)	<b>MAIN HOUSE BUILDING</b>	35	Nos.		
(B)	<b>GUEST HOUSE BUILDING</b>	15	Nos.		
		<b>50</b>	<b>Nos.</b>	Each	
	ii) 2 gang switch plate				
(A)	<b>MAIN HOUSE BUILDING</b>	40	Nos.		
(B)	<b>GUEST HOUSE BUILDING</b>	30	Nos.		
		<b>70</b>	<b>Nos.</b>	Each	
	iii) 3 gang switch plate				
(A)	<b>MAIN HOUSE BUILDING</b>	18	Nos.		
(B)	<b>GUEST HOUSE BUILDING</b>	30	Nos.		
		<b>48</b>	<b>Nos.</b>	Each	
	iv) 4 gang switch plate				
(A)	<b>MAIN HOUSE BUILDING</b>	30	Nos.		
(B)	<b>GUEST HOUSE BUILDING</b>	18	Nos.		
		<b>48</b>	<b>Nos.</b>	Each	
	v) 5 gang switch plate				
(A)	<b>MAIN HOUSE BUILDING</b>	30	Nos.		
(B)	<b>GUEST HOUSE BUILDING</b>	15	Nos.		
		<b>45</b>	<b>Nos.</b>	Each	
	vi) 6 gang switch plate				
(A)	<b>MAIN HOUSE BUILDING</b>	22	Nos.		
(B)	<b>GUEST HOUSE BUILDING</b>	12	Nos.		
		<b>34</b>	<b>Nos.</b>	Each	



S.No.	DESCRIPTION OF ITEMS	QUANTITY	RATE	UNIT	AMOUNT
<b>BE-02</b>	<b>Two Way Switch Plates</b> Same as item BE-01 mentioned above but two-way gang switch plate of the following types:- a. 2-gang switch plate.				
(A)	<b>MAIN HOUSE BUILDING</b>	6 Nos.			
(B)	<b>GUEST HOUSE BUILDING</b>	6 Nos.			
		<b>12 Nos.</b>		Each	
<b>BE-04</b>	<b>3 Pin, 5, 15 AMPS Switch Sockets</b> Supply and installation of 5 amps piano type switch gang plate with appropriate size of back steel box 16SWG two coats of antirust paint fixed recessed in wall including all fixing accessories and of the following types:				
	i) 3 pin 5Amps switch socket unit				
(A)	<b>MAIN HOUSE BUILDING</b>	250 Nos.			
(B)	<b>GUEST HOUSE BUILDING</b>	230 Nos.			
		<b>480 Nos.</b>		Each	
	ii) 3 pin 15Amps switch socket unit				
(A)	<b>MAIN HOUSE BUILDING</b>	5 Nos.			
(B)	<b>GUEST HOUSE BUILDING</b>	5 Nos.			
		<b>10 Nos.</b>		Each	
	iii) 2 Pin Shaver Socket				
(A)	<b>MAIN HOUSE BUILDING</b>	20 Nos.			
(B)	<b>GUEST HOUSE BUILDING</b>	20 Nos.			
		<b>40 Nos.</b>		Each	
				<b>Total (B)</b>	
<b>C)</b>	<b>FITTINGS &amp; FIXTURES</b>				
<b>CE-01</b>	<b>Fluorescent Light Fittings</b> Supply, installation, testing and commissioning of following LED luminaries, ceiling, wall mounted or recessed in false ceiling made of 22 SWG M.S sheet degreased, de-rusted with white enameled paint matching with interior finish complete with all genuine components of approved make such as LED array, LED driver, lamp holder internally wired with earth terminal manufactured/assembled by any one of the manufacturer as specified and complete in all respects and duly approved by Engineer-in-Charge and of the following types:				
	a) Standard 4 feet luminaries cool white color				
(A)	<b>MAIN HOUSE BUILDING</b>	18 Nos.			
(B)	<b>GUEST HOUSE BUILDING</b>	12 Nos.			
		<b>30 Nos.</b>		Each	
<b>CE-02</b>	Supply, installation, testing and commissioning of 3-4 Watt LED recessed round spot type light fixture with housing, reflector, holder complete in all respect and as specified and approved by Engineer-in-Charge/Architect.				
(A)	<b>MAIN HOUSE BUILDING</b>	120 Nos.			
(B)	<b>GUEST HOUSE BUILDING</b>	75 Nos.			
		<b>195 Nos.</b>		Each	
<b>CE-03</b>	Supply, installation, testing and commissioning of 10-15 Watt LED recessed rectangular spot type light fixture with three separate round spot lights encase in a rectangular enclosure with housing, reflector, holder complete in all respect and as specified and approved by Engineer-in-Charge/Architect.				
(A)	<b>MAIN HOUSE BUILDING</b>	80 Nos.			
(B)	<b>GUEST HOUSE BUILDING</b>	0 Nos.			
		<b>80 Nos.</b>		Each	



S.No.	DESCRIPTION OF ITEMS	QUANTITY	RATE	UNIT	AMOUNT
CE-04	Supply, installation testing and commissioning of External Wall Bracket light fixture complete with housing, holder, glass bowl and lamp 25-30 watt LED and as approved by Engineer-in-Charge/Architect.				
(A)	MAIN HOUSE BUILDING	35 Nos.			
(B)	GUEST HOUSE BUILDING	5 Nos.			
		<b>40 Nos.</b>		Each	
CE-05	Supply, installation, testing and commissioning of LED fancy wall bracket light with housing, reflector, holder LED driver complete in all respects as specified and approved by Engineer-in-Charge.				
(A)	MAIN HOUSE BUILDING	10 Nos.			
(B)	GUEST HOUSE BUILDING	5 Nos.			
		<b>15 Nos.</b>		Each	
CE-06	Supply, installation, testing and commissioning of LED down lighter 12-15 Watt with housing, reflector, holder LED driver complete in all respects as specified and approved by Engineer-in-Charge.				
(A)	MAIN HOUSE BUILDING	610 Nos.			
(B)	GUEST HOUSE BUILDING	380 Nos.			
		<b>990 Nos.</b>		Each	
CE-07	Supply, installation, testing and commissioning of Decorative Chandelier with hanging rod and complete in all respects as specified and approved by Engineer-in-Charge / Architect.				
(A)	MAIN HOUSE BUILDING	8 Nos.			
(B)	GUEST HOUSE BUILDING	1 No.			
		<b>9 Nos.</b>		Each	
CE-08	Supply, installation, testing and commissioning of Decorative LED Vanity with holder LED driver complete in all respects as specified and approved by Engineer-in-Charge / Architect.				
(A)	MAIN HOUSE BUILDING	26 Nos.			
(B)	GUEST HOUSE BUILDING	20 Nos.			
		<b>46 Nos.</b>		Each	
CE-09	<b>Exhaust Fans</b>				
CE-09	Supply, installation, testing and commissioning of exhaust fans grill type to be recessed in ceiling of following sizes complete with frame and of specified make including cost of all necessary materials and complete in all respects as approved by Engineer-in-Charge:				
(A)	MAIN HOUSE BUILDING	18 Nos.			
(B)	GUEST HOUSE BUILDING	20 Nos.			
		<b>38 Nos.</b>		Each	
				Total (c)	
D)	<b>LOW TENSION POWER CABLES</b>				
DE-01	<b>Cables</b>				
	Supply, installation, testing and commissioning of exhaust fans grill type to be recessed in ceiling of following sizes complete with frame and of specified make including cost of all necessary materials and complete in all respects as approved by Engineer-in-Charge:				
a)	<b>Single Core, PVC insulated</b>				
	i) 10mm sq				
(A)	MAIN HOUSE BUILDING	150 Mtr			
(B)	GUEST HOUSE BUILDING	120 Mtr			
		<b>270 Mtr</b>		P.Mtr	

S.No.	DESCRIPTION OF ITEMS	QUANTITY	RATE	UNIT	AMOUNT
	ii) 25 mm sq				
(A)	MAIN HOUSE BUILDING	80	Mtr		
(B)	GUEST HOUSE BUILDING	50	Mtr		
		<b>130</b>	<b>Mtr</b>		P.Mtr
<b>b)</b>	<b>Multi core, Non armored, PVC insulated &amp; PVC Sheathed</b>				
	i) 4 core 10mm sq				
(A)	MAIN HOUSE BUILDING	30	Mtr		
(B)	GUEST HOUSE BUILDING	30	Mtr		
		<b>60</b>	<b>Mtr</b>		P.Mtr
	ii) 4 core 16mm sq				
(A)	MAIN HOUSE BUILDING	75	Mtr		
(B)	GUEST HOUSE BUILDING	70	Mtr		
		<b>145</b>	<b>Mtr</b>		P.Mtr
	iii) 4 core 35mm sq				
(A)	MAIN HOUSE BUILDING	50	Mtr		
(B)	GUEST HOUSE BUILDING	0	Mtr		
		<b>50</b>	<b>Mtr</b>		P.Mtr
	iii) 4 core 25mm sq				
(A)	MAIN HOUSE BUILDING	0	Mtr		
(B)	GUEST HOUSE BUILDING	40	Mtr		
		<b>40</b>	<b>Mtr</b>		P.Mtr
<b>DE-02</b>	<b><u>PVC Conduits</u></b>				
	Supply, installation, testing of PVC conduit as specified concealed in RCC slabs, walls, floors columns or fixed to slab, wall above false ceiling as per site conditions including cost of all conduit accessories, steel pull boxes, pull wire, junction boxes and complete in all respects and of the following sizes:				
	a) 40mm (1½") dia				
(A)	MAIN HOUSE BUILDING	70	Mtr		
(B)	GUEST HOUSE BUILDING	70	Mtr		
		<b>140</b>	<b>Mtr</b>		P.Mtr
	b) 50mm (2") dia				
(A)	MAIN HOUSE BUILDING	50	Mtr		
(B)	GUEST HOUSE BUILDING	50	Mtr		
		<b>100</b>	<b>Mtr</b>		P.Mtr

Note: Contractor will carryout measurement as per shop drawing approved and will forward the same prior to purchase and installation for approval of Engineer-in-Charge.

**EE-02 Distribution Board**

Supply, installation, testing and commissioning of factory fabricated distribution boards for light/power, concealed type made of M.S sheet 14 SWG degreased, de rusted, zinc phosphate finished with electrostatic powder coating, of approved colour with hinged door, lockable handle, protection plate, earth and neutral strip, complete internally wired, flexible earthling strap for door manufactured by any one of the approved manufacturers as specified and comprising as under:

a. SMPB-N-MB

**INCOMING**

1x125AMP, TP, MCCB, 15KA with O/L & S/C Protection.

S.No.	DESCRIPTION OF ITEMS	QUANTITY	RATE	UNIT	AMOUNT
	Digital voltmeter with phase selector switch Indication lights Red, Yellow, Blue.				
	<b>OUTGOING</b> 2x100AMP, TP, MCCB, 15KA with O/L & S/C Protection.				
(A)	<b>MAIN HOUSE BUILDING</b>	1	No		
(B)	<b>GUEST HOUSE BUILDING</b>	0	No		
		<b>1</b>	<b>No</b>	Each	
	a. SMPB-N-MB <b>INCOMING</b> 1x100AMP, TP, MCCB, 15KA with O/L & S/C Protection. Digital voltmeter with phase selector switch Indication lights Red, Yellow, Blue.				
	<b>OUTGOING</b> 2x80AMP, TP, MCCB, 15KA with O/L & S/C Protection.				
(A)	<b>MAIN HOUSE BUILDING</b>	0	No		
(B)	<b>GUEST HOUSE BUILDING</b>	1	No		
		<b>1</b>	<b>No</b>	Each	
	b. SMPB-E-MB <b>INCOMING</b> 1x100AMP, TP, MCCB, 15KA with O/L & S/C Protection.				
	Digital voltmeter with phase selector switch Indication lights Red, Yellow, Blue.				
	<b>OUTGOING</b> 2x60AMP, TP, MCCB, 15KA with O/L & S/C Protection.				
(A)	<b>MAIN HOUSE BUILDING</b>	1	No		
(B)	<b>GUEST HOUSE BUILDING</b>	0	No		
		<b>1</b>	<b>No</b>	P.Mtr	
	b. SMPB-E-MB <b>INCOMING</b> 1x80AMP, TP, MCCB, 15KA with O/L & S/C Protection. Digital voltmeter with phase selector switch Indication lights Red, Yellow, Blue.				
	<b>OUTGOING</b> 2x60AMP, TP, MCCB, 15KA with O/L & S/C Protection.				
(A)	<b>MAIN HOUSE BUILDING</b>	0	No		
(B)	<b>GUEST HOUSE BUILDING</b>	1	No		
		<b>1</b>	<b>No</b>	P.Mtr	
	c. LDB-1 <b>INCOMING</b> - 1x60AMP, TP, MCCB, 15KA with O/L & S/C Protection. - Digital voltmeter with phase selector switch - Indication lights Red, Yellow, Blue.				
	<b>OUTGOING</b> - 33x10/16 AMP, SP, MCB. - 1x40AMP, TP, MCCB, 15KA with O/L & S/C Protection.				
(A)	<b>MAIN HOUSE BUILDING</b>	1	No		
(B)	<b>GUEST HOUSE BUILDING</b>	0	No		
		<b>1</b>	<b>No</b>	Each	
	c. LDB-1 <b>INCOMING</b> 1x60AMP, TP, MCCB, 15KA with O/L & S/C Protection. Digital voltmeter with phase selector switch Indication lights Red, Yellow, Blue.				





S.No.	DESCRIPTION OF ITEMS	QUANTITY	RATE	UNIT	AMOUNT
	<b>OUTGOING</b>				
-	24x10/16 AMP, SP, MCB.				
-	1x40AMP, TP, MCCB, 15KA with O/L & S/C Protection.				
(A)	<b>MAIN HOUSE BUILDING</b>	0	No		
(B)	<b>GUEST HOUSE BUILDING</b>	1	No		
		<u>1</u>	<u>No</u>	Each	
	<b>d. LDB-2</b>				
	<b>INCOMING</b>				
-	1x60AMP, TP, MCCB, 15KA with O/L & S/C Protection.				
-	Digital voltmeter with phase selector switch				
-	Indication lights Red, Yellow, Blue.				
	<b>OUTGOING</b>				
-	30x10/16 AMP, SP, MCB.				
-	1x40AMP, TP, MCCB, 15KA with O/L & S/C Protection.				
(A)	<b>MAIN HOUSE BUILDING</b>	1	No		
(B)	<b>GUEST HOUSE BUILDING</b>	0	No		
		<u>1</u>	<u>No</u>	Each	
	<b>d. LDB-2</b>				
	<b>INCOMING</b>				
-	1x60AMP, TP, MCCB, 15KA with O/L & S/C Protection.				
-	Digital voltmeter with phase selector switch				
-	Indication lights Red, Yellow, Blue.				
	<b>OUTGOING</b>				
-	27x10/16 AMP, SP, MCB.				
-	1x40AMP, TP, MCCB, 15KA with O/L & S/C Protection.				
(A)	<b>MAIN HOUSE BUILDING</b>	0	No		
(B)	<b>GUEST HOUSE BUILDING</b>	1	No		
		<u>1</u>	<u>No</u>	Each	
	<b>e. LDB-3</b>				
	<b>INCOMING</b>				
-	1x60AMP, TP, MCCB, 15KA with O/L & S/C Protection.				
-	Digital voltmeter with phase selector switch				
-	Indication lights Red, Yellow, Blue.				
	<b>OUTGOING</b>				
-	30x10/16 AMP, SP, MCB.				
-	1x40AMP, TP, MCCB, 15KA with O/L & S/C Protection.				
(A)	<b>MAIN HOUSE BUILDING</b>	1	No		
(B)	<b>GUEST HOUSE BUILDING</b>	0	No		
		<u>1</u>	<u>No</u>	Each	
	<b>e. LDB-3</b>				
	<b>INCOMING</b>				
-	1x60AMP, TP, MCCB, 15KA with O/L & S/C Protection.				
-	Digital voltmeter with phase selector switch				
-	Indication lights Red, Yellow, Blue.				



S.No.	DESCRIPTION OF ITEMS	QUANTITY	RATE	UNIT	AMOUNT
	<b>OUTGOING</b>				
	- 21x10/16 AMP, SP, MCB.				
	- 1x40AMP, TP, MCCB, 15KA with O/L & S/C Protection.				
(A)	<b>MAIN HOUSE BUILDING</b>	0	No		
(B)	<b>GUEST HOUSE BUILDING</b>	1	No		
		<b>1</b>	<b>No</b>	Each	

**f. LDB-4**

**INCOMING**

- 1x40AMP, TP, MCCB, 15KA with O/L & S/C Protection.
- Digital voltmeter with phase selector switch
- Indication lights Red, Yellow, Blue.

**OUTGOING**

- 24x10/16 AMP, SP, MCB.
- 1x40AMP, TP, MCCB, 15KA with O/L & S/C Protection.

(A)	<b>MAIN HOUSE BUILDING</b>	1	No		
(B)	<b>GUEST HOUSE BUILDING</b>	0	No		
		<b>1</b>	<b>No</b>	Each	

**f. LDB-4**

**INCOMING**

- 1x40AMP, TP, MCCB, 15KA with O/L & S/C Protection.
- Digital voltmeter with phase selector switch
- Indication lights Red, Yellow, Blue.

**OUTGOING**

- 27x10/16 AMP, SP, MCB.
- 1x40AMP, TP, MCCB, 15KA with O/L & S/C Protection.

(A)	<b>MAIN HOUSE BUILDING</b>	0	No		
(B)	<b>GUEST HOUSE BUILDING</b>	1	No		
		<b>1</b>	<b>No</b>	Each	

**g. PDB-1**

**INCOMING**

- 1x100AMP, TP, MCCB, 15KA with O/L & S/C Protection.
- Digital voltmeter with phase selector switch
- Indication lights Red, Yellow, Blue.

**OUTGOING**

- 18x10/16 AMP, SP, MCB.
- 1x60AMP, TP, MCCB, 15KA with O/L & S/C Protection.

(A)	<b>MAIN HOUSE BUILDING</b>	1	No		
(B)	<b>GUEST HOUSE BUILDING</b>	0	No		
		<b>1</b>	<b>No</b>	Each	

**g. PDB-1**

**INCOMING**

- 1x80AMP, TP, MCCB, 15KA with O/L & S/C Protection.
- Digital voltmeter with phase selector switch
- Indication lights Red, Yellow, Blue.

**OUTGOING**

- 09x10/16 AMP, SP, MCB.



S.No.	DESCRIPTION OF ITEMS	QUANTITY	RATE	UNIT	AMOUNT
-	1x60AMP, TP, MCCB, 15KA with O/L & S/C Protection.				
(A)	<b>MAIN HOUSE BUILDING</b>	0	No		
(B)	<b>GUEST HOUSE BUILDING</b>	1	No		
		<b>1</b>	<b>No</b>	Each	
<b>h. PDB-2</b>					
<b>INCOMING</b>					
-	1x100AMP, TP, MCCB, 15KA with O/L & S/C Protection.				
-	Digital voltmeter with phase selector switch				
-	Indication lights Red, Yellow, Blue.				
<b>OUTGOING</b>					
-	15x10/16 AMP, SP, MCB.				
-	1x60AMP, TP, MCCB, 15KA with O/L & S/C Protection.				
(A)	<b>MAIN HOUSE BUILDING</b>	1	No		
(B)	<b>GUEST HOUSE BUILDING</b>	0	No		
		<b>1</b>	<b>No</b>	Each	
<b>h. PDB-2</b>					
<b>INCOMING</b>					
-	1x80AMP, TP, MCCB, 15KA with O/L & S/C Protection.				
-	Digital voltmeter with phase selector switch				
-	Indication lights Red, Yellow, Blue.				
<b>OUTGOING</b>					
-	09x10/16 AMP, SP, MCB.				
-	1x60AMP, TP, MCCB, 15KA with O/L & S/C Protection.				
(A)	<b>MAIN HOUSE BUILDING</b>	0	No		
(B)	<b>GUEST HOUSE BUILDING</b>	1	No		
		<b>1</b>	<b>No</b>	Each	
<b>i. PDB-3</b>					
<b>INCOMING</b>					
-	1x60AMP, TP, MCCB, 15KA with O/L & S/C Protection.				
-	Digital voltmeter with phase selector switch				
-	Indication lights Red, Yellow, Blue.				
<b>OUTGOING</b>					
-	15x10/16 AMP, SP, MCB.				
-	1x60AMP, TP, MCCB, 15KA with O/L & S/C Protection.				
(A)	<b>MAIN HOUSE BUILDING</b>	1	No		
(B)	<b>GUEST HOUSE BUILDING</b>	0	No		
		<b>1</b>	<b>No</b>	Each	
<b>i. PDB-3</b>					
<b>INCOMING</b>					
-	1x60AMP, TP, MCCB, 15KA with O/L & S/C Protection.				
-	Digital voltmeter with phase selector switch				
-	Indication lights Red, Yellow, Blue.				
<b>OUTGOING</b>					
-	12x10/16 AMP, SP, MCB.				
-	1x60AMP, TP, MCCB, 15KA with O/L & S/C Protection.				
(A)	<b>MAIN HOUSE BUILDING</b>	0	No		
(B)	<b>GUEST HOUSE BUILDING</b>	1	No		
		<b>1</b>	<b>No</b>	Each	

S.No.	DESCRIPTION OF ITEMS	QUANTITY	RATE	UNIT	AMOUNT
	<b><u>i. PDB-4</u></b>				
	<b>INCOMING</b>				
-	1x60AMP, TP, MCCB, 15KA with O/L & S/C Protection.				
-	Digital voltmeter with phase selector switch				
-	Indication lights Red, Yellow, Blue.				
	<b>OUTGOING</b>				
-	15x10/16 AMP, SP, MCB.				
-	1x60AMP, TP, MCCB, 15KA with O/L & S/C Protection.				
(A)	<b>MAIN HOUSE BUILDING</b>	1	No		
(B)	<b>GUEST HOUSE BUILDING</b>	0	No		
		<b>1</b>	<b>No</b>	Each	
	<b><u>i. PDB-4</u></b>				
	<b>INCOMING</b>				
-	1x60AMP, TP, MCCB, 15KA with O/L & S/C Protection.				
-	Digital voltmeter with phase selector switch				
-	Indication lights Red, Yellow, Blue.				
	<b>OUTGOING</b>				
-	12x10/16 AMP, SP, MCB.				
-	1x60AMP, TP, MCCB, 15KA with O/L & S/C Protection.				
(A)	<b>MAIN HOUSE BUILDING</b>	0	No		
(B)	<b>GUEST HOUSE BUILDING</b>	1	No		
		<b>1</b>	<b>No</b>	Each	

**Total (D)**

**E) EARTHING SYSTEM**

**FE-01 Earthing Pit**

Constructing, erecting, earthing pit including cost of excavation and back filling of the earth pit up to 3000 to 4000mm depth and including electrode comprising of one tinned copper plate of size (610mmx610mmx6mm) and two bare copper conductor 4 SWG to be drawn in and including G.1 pipe 50mm dia from copper plate to earth terminal point or direct to equipment (as directed by Engineer-in-Charge) with 50mm layer of earth powder below and above the copper plate complete with thimbles, brass nuts and bolts for fastening earth conductor and also including constructing inspection pit 300mm x 300mm x 300mm with RCC cover complete with all necessary materials complete in all respects as per detail shown in the drawing with final testing and commissioning.

- (A) **MAIN HOUSE BUILDING**  
 (B) **GUEST HOUSE BUILDING**

2 Nos.  
 1 No  
**3 Nos.**

Each



S.No.	DESCRIPTION OF ITEMS	QUANTITY	RATE	UNIT	AMOUNT
<b>FE-02</b>	<b>Earth Terminal Point</b> Supply, installation of earth terminal/test point consisting of copper strip 300mm long, 50mm wide and 15mm thick to be installed as per location shown in the drawing or as directed by Engineer-in-Charge, including cost of lugs, thimbles, brass bolts and nuts, washers with fixing arrangement as approved and complete in all respects.				
(A)	MAIN HOUSE BUILDING	2	Nos.		
(B)	GUEST HOUSE BUILDING	1	No		
		<b>3</b>	<b>Nos.</b>	Each	
<b>FE-03</b>	<b>Earth Continuity</b> Providing and laying earth continuity conductor complete with fixing, arrangement from earth point to LT panel board with lugs and thimbles, washers and of the following sizes: a. Bare copper conductor 4 SWG.				
(A)	MAIN HOUSE BUILDING	70	Mtr		
(B)	GUEST HOUSE BUILDING	40	Mtr		
		<b>110</b>	<b>Mtr</b>	Each	
	b. Bare copper conductor 70mm sq				
(A)	MAIN HOUSE BUILDING	70	Mtr		
(B)	GUEST HOUSE BUILDING	40	Mtr		
		<b>110</b>	<b>Mtr</b>	Each	
<b>G</b>	<b>Telecommunication (DATA &amp; Voice)</b> Supply, installation, testing and commissioning of Telephone Cabinet 27U comprising of Optical Distributed Frame (ODF), fiber switch, patch panel for data, patch panel for voice and tag blocks complete in all respect.				
<b>GE-01</b>	Distributed Frame (ODF), fiber switch, patch panel for data, patch panel for voice and tag blocks complete in all respect.				
(A)	MAIN HOUSE BUILDING	1	No		
(B)	GUEST HOUSE BUILDING	1	No		
		<b>2</b>	<b>No</b>	Each	
<b>GE-02</b>	Supply, installation, testing and commissioning of telephone outlets RJ 11, including supply and fixing of 16 SWG sheet steel back box of suitable size, recessed in wall, column as required.				
(A)	MAIN HOUSE BUILDING	25	Nos		
(B)	GUEST HOUSE BUILDING	20	Nos		
		<b>45</b>	<b>Nos</b>	Each	
<b>GE-03</b>	Supply, installation, and commissioning of CAT-VI cable in already installed PVC conduit / cable tray etc, recessed in wall, floor ,etc, complete with all accessories, as per drawings and specification.				
(A)	MAIN HOUSE BUILDING	50	R.Mtr		
(B)	GUEST HOUSE BUILDING	40	R.Mtr		
		<b>90</b>	<b>R.Mtr</b>	P.RMtr	



S.No.	DESCRIPTION OF ITEMS	QUANTITY	RATE	UNIT	AMOUNT
<b>GE-04</b>	Supply, installation, and commissioning of data outlets RJ 45 with 16 SWG sheet steel back box surface in wall column complete, as per drawings .				
(A)	<b>MAIN HOUSE BUILDING</b>	25	Nos		
(B)	<b>GUEST HOUSE BUILDING</b>	20	Nos		
		<b>45</b>	<b>Nos</b>	Each	
<b>GE-05</b>	Supply, installation, and commissioning of wiring for data communication with CAT-VI UTP cable in already installed 25 mm dia PVC conduit recessed in wall/column/ under floor complete, in all respect				
(A)	<b>MAIN HOUSE BUILDING</b>	25	Nos		
(B)	<b>GUEST HOUSE BUILDING</b>	20	Nos		
		<b>45</b>	<b>Nos</b>	Each	
<b>GE-06</b>	Same as item HE-05 mentioned above but for telephone outlet.				
(A)	<b>MAIN HOUSE BUILDING</b>	25	Nos		
(B)	<b>GUEST HOUSE BUILDING</b>	20	Nos		
		<b>45</b>	<b>Nos</b>	Each	
<b>GE-07</b>	Supply, installation, testing and commissioning PABX comprising of following as specified in specifications and drawings.				
	- 10 Trunk lines				
	- 100 Extensions for DTFM telephone sets				
	- 10 Extensions for dual channel digital telephone sets				
	- Integrated modem for remote service.				
	- Operator console				
	- Power supply unit				
	- EPABX card for voice and over IP option				
	- ISDN card for PRI (1 port)				
	- ISDN card for BRI (8 port)				
	- 1 Intel 2.0 Dual core processor, 512 MB RAM, 80 GB hard disk Drive, DVD drive, Windows XP professional, 17" LCD monitor etc complete in all respects.				
(A)	<b>MAIN HOUSE BUILDING</b>	1	Job		
(B)	<b>GUEST HOUSE BUILDING</b>	0	Job		
		<b>1</b>	<b>Job</b>	P.job	
	- 05 Trunk lines				
	- 50 Extensions for DTFM telephone sets				
	- 05 Extensions for dual channel digital telephone sets				
	- Integrated modem for remote service.				
	- Operator console				
	- Power supply unit				
	- EPABX card for voice and over IP option				
	- ISDN card for PRI (1 port)				
	- ISDN card for BRI (8 port)				
	- 1 Intel 2.0 Dual core processor, 512 MB RAM, 80 GB hard disk Drive, DVD drive, Windows XP professional, 17" LCD monitor etc complete in all respects.				
(A)	<b>MAIN HOUSE BUILDING</b>	0	Job		
(B)	<b>GUEST HOUSE BUILDING</b>	1	Job		
		<b>1</b>	<b>Job</b>	P.job	

*[Handwritten signature]*

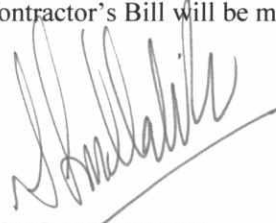


S.No.	DESCRIPTION OF ITEMS	QUANTITY	RATE	UNIT	AMOUNT
GE-08	Supply, installation, testing and commissioning of Analogue Telephone sets features of 10 speed dialing numbers, wall mounting option etc, as specified in specifications				
	(A) MAIN HOUSE BUILDING	25	Nos		
	(B) GUEST HOUSE BUILDING	25	Nos		
		<b>50</b>	<b>Nos</b>	Each	
GE-09	Supply, installation, testing and commissioning of Main telephone junction box MDf ( with Tag block having jumpering facility) for connection of 50 telephone extension points / data server etc, at both ends hammer tone finished of appropriate size, conforming to PTCL specifications.				
	(A) MAIN HOUSE BUILDING	1	Nos		
	(B) GUEST HOUSE BUILDING	1	Nos		
		<b>2</b>	<b>Nos</b>	Each	
GE-10	Testing of the complete data / voice structured cabling system including all accessories as per specifications.				
	(A) MAIN HOUSE BUILDING	1	Nos		
	(B) GUEST HOUSE BUILDING	0	Nos		
		<b>1</b>	<b>Nos</b>	Each	
	(A) MAIN HOUSE BUILDING	0	Nos		
	(B) GUEST HOUSE BUILDING	1	Nos		
		<b>1</b>	<b>Nos</b>	Each	
<b>Total (D)</b>					
<b>G.Total ( A+B+C+D)</b>					

TERMS & CONDITIONS.

- 1 The work will be carried out as per PWD specification.
- 2 No Premium shall be allowed on Non-Schedule Items.
- 3 No cartage shall be allowed on Non-Schedule Items.
- 4 Any Typographical error will referred to the composite Schedule of Rates enforced.
- 5 The deduction of Income Tax from the Contractor's Bill will be made as admissible under the rules.

CONTRACTOR

  
**SHOAB MALIK**  
Principal Architect

  
**RESIDENT ENGINEER**  
**SPECIAL PROJECT**  
**SINDH HOUSE ISLAMABAD**



BE-1

Appendix-E to Bid

**PROPOSED CONSTRUCTION SCHEDULE**

Pursuant to Sub-Clause 43.1 of the General Conditions of Contract, the works shall be completed on or before the date stated in Appendix-A to Bid. The bidder shall provide as Appendix-E to Bid, the Construction Schedule in the bar chart (CPM, PERT or any other to be specified herein) showing the sequence of work items and the period of time during which he proposes to complete each work item in such a manner that his proposed programme for completion of the whole of the works and parts of the works may meet procuring agency's completion targets in days noted below and counted from the date of receipt of Engineer's Notice to Commence (Attach sheets as required for the specified form of Construction Schedule):

<u>Description</u>	<u>Time for Completion</u>
1) Whole works	_____ days
2) Part-A	_____ days
3) Part-B	_____ days
4) _____	_____ days
5) _____	_____ days





BG-1

Appendix-G to Bid

**LIST OF MAJOR EQUIPMENT – RELATED ITEMS**

[The bidder will provide on Sheet 2 of this Appendix a list of all major equipment and related items, under separate heading for items owned, to be purchased or to be arranged on lease by him to carry out the works. The information shall include make, type, capacity, and anticipated period of utilization for all equipment which shall be in sufficient detail to demonstrate fully that the equipment will meet all requirements of the Specifications.]



**BH-1**

**Appendix-H to Bid**

**CONSTRUCTION CAMP AND HOUSING FACILITIES**

The Contractor in accordance with Clause 6 of the Conditions of Contract shall provide description of his construction camp's facilities and staff housing requirements.

The contractor shall be responsible for pumps, electrical power, water and electrical distribution systems, and sewerage system including all fittings, pipes and other items necessary for servicing the contractor's construction camp.

The bidder shall list or explain his plans for providing these facilities for the service of the contract as follows:

1. Site Preparation (clearing, land preparation, etc.).
2. Provision of Services.
  - a) Power (expected power load, etc.).
  - b) Water (required amount and system proposed).
  - c) Sanitation (sewage disposal system, etc.).
3. Construction of Facilities
  - a) Contractor's Office. Workshop and Work Areas (areas required and proposed layout, type of construction of buildings, etc.).
  - b) Warehouses and Storage Areas (area required, type of construction and layout).
  - c) Housing and Staff Facilities (Plans for housing for proposed staff, layout, type of construction, etc.).
4. Construction Equipment Assembly and Preparation (detailed plans for carrying out this activity).
5. Other Items Proposed (Security services, etc.).



BJ-1

## Appendix-J to Bid

## ESTIMATED PROGRESS PAYMENTS (SAMPLE)

Bidder's estimate of the value of work which would be executed by him during each of the periods stated below, based on his Programme of the works and the Rates in the Bill of Quantities, expressed in Pakistani Rupees:

Quarter/ Year/ Period	Amounts (in thousands)	
1	2	
1st Quarter		
2 <sup>nd</sup> Quarter		
3 <sup>rd</sup> Quarter		
4 <sup>th</sup> Quarter		
5 <sup>th</sup> Quarter		
6 <sup>th</sup> Quarter		
7 <sup>th</sup> Quarter		
8 <sup>th</sup> Quarter		
9 <sup>th</sup> Quarter		
<b>Bid Price</b>		



(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: \_\_\_\_\_

..... [name of Contractor] hereby declares that it has not obtained or induced the 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 voidable at the option of PA.

Notwithstanding any rights and remedies exercised by PA in this regard, [name 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 times 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]

[Contractor]



**FORMS**

**BID SECURITY  
PERFORMANCE SECURITY  
CONTRACT AGREEMENT  
MOBILIZATION ADVANCE GUARANTEE  
INDENTURE BOND FOR SECURED ADVANCE**



**BID SECURITY  
(Bank Guarantee)**Security Executed on \_\_\_\_\_  
(Date)Name of Surety (Bank) with Address: \_\_\_\_\_  
(Scheduled Bank in Pakistan)

Name of Principal (Bidder) with Address \_\_\_\_\_

Penal Sum of Security Rupees. \_\_\_\_\_ (Rs. \_\_\_\_\_ )

Bid Reference No. \_\_\_\_\_

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the bid and at the request of the said Principal (Bidder) we, the Surety above named, are held and firmly bound unto \_\_\_\_\_

(hereinafter called the 'Procuring Agency') in the sum stated above for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Bidder has submitted the accompanying bid dated \_\_\_\_\_ for Bid No. \_\_\_\_\_ for \_\_\_\_\_ (Particulars of Bid) to the said Procuring Agency; and

WHEREAS, the Procuring Agency has required as a condition for considering said bid that the **bidder** furnishes a bid security in the above said sum from a Scheduled Bank in Pakistan or from a foreign bank duly counter-guaranteed by a Scheduled Bank in Pakistan, to the procuring agency, conditioned as under:

- (1) that the bid security shall remain in force up to and including the date 28 days after the deadline for validity of bids as stated in the Instructions to bidders or as it may be extended by the procuring agency, notice of which extension(s) to the Surety is hereby waived;
- (2) that the bid security of unsuccessful bidders will be returned by the procuring agency after expiry of its validity or upon signing of the Contract Agreement; and
- (3) that in the event of failure of the successful bidder to execute the proposed Contract Agreement for such work and furnish the required Performance Security, the entire said sum be paid immediately to the said procuring agency pursuant to Clause 15.6 of the Instruction to bidders 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 with the said procuring agency in accordance with his bid as accepted and furnish within twenty eight (28) days of his being requested to do so, 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 fulfillment of the said Contract or in the event of non-withdrawal of the said bid within the time specified for its validity then this obligation shall be void and of no effect, but otherwise to remain in full force and effect.

PROVIDED THAT the Surety shall forthwith pay the procuring agency, the said sum 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,



PS-1

**FORM OF PERFORMANCE SECURITY  
(Bank Guarantee)**

Guarantee No. \_\_\_\_\_

Executed on \_\_\_\_\_

Expiry date \_\_\_\_\_

[Letter by the Guarantor to the Procuring Agency]

Name of Guarantor (Bank) with address: \_\_\_\_\_  
(Scheduled Bank in Pakistan)

Name of Principal (Contractor) with address: \_\_\_\_\_

Penal Sum of Security (express in words and figures) \_\_\_\_\_

Letter of Acceptance No. \_\_\_\_\_ Dated \_\_\_\_\_

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the bidding documents and above said Letter of Acceptance (hereinafter called the Documents) and at the request of the said Principal we, the Guarantor above named, are held and firmly bound unto the \_\_\_\_\_ (hereinafter called the procuring agency) in the penal sum of the amount stated above for the payment of which sum well and truly to be made to the said procuring agency, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Principal has accepted the procuring agency's above said Letter of Acceptance for \_\_\_\_\_ (Name of Contract) for the \_\_\_\_\_ (Name of Project).

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 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 49, Defects Liability, 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 be received by us within the validity period of this Guarantee, failing which we shall be discharged of our liability, if any, under this Guarantee.

We, \_\_\_\_\_ (the Guarantor), waiving all objections and defenses under the Contract, do hereby irrevocably and independently guarantee to pay to the procuring agency without delay upon the procuring agency's first written demand without



**FORM OF CONTRACT AGREEMENT**

THIS CONTRACT AGREEMENT (hereinafter called the "Agreement") made on the day \_\_\_\_\_ of \_\_\_\_\_ (month) 20\_\_\_\_ between

(hereafter called the "Procuring Agency") of the one part and \_\_\_\_\_ (hereafter called the "Contractor") of the other part.

WHEREAS the Procuring Agency is desirous that certain works, viz \_\_\_\_\_ should be executed by the Contractor and has accepted a bid by the Contractor for the execution and completion of such 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 Contract Agreement;
  - (b) The Letter of Acceptance;
  - (c) The completed Form of Bid;
  - (d) Special Stipulations (Appendix-A to Bid);
  - (e) The Special Conditions of Contract – Part II;
  - (f) The General Conditions – Part I;
  - (g) The priced Bill of Quantities (Appendix-D to Bid);
  - (h) The completed Appendices to Bid (B, C, E to L);
  - (i) The Drawings;
  - (j) The Specifications.
  - (k) \_\_\_\_\_ (any other)
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 in conformity and in all respects with the provisions of the contract.
4. Procuring agency hereby covenants to pay the contractor, in consideration of the execution and completion of the works as per provisions of the contract, the contract Price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract.





MG-1

**MOBILIZATION ADVANCE GUARANTEE**

Bank Guarantee No. \_\_\_\_\_ Date \_\_\_\_\_

WHEREAS \_\_\_\_\_ (hereinafter called the 'Procuring Agency') has entered into a Contract for \_\_\_\_\_ (Particulars of Contract) with \_\_\_\_\_ (hereinafter called the "Contractor").

AND WHEREAS, the Procuring Agency has agreed to advance to the Contractor, at the Contractor's request, an amount of Rupees \_\_\_\_\_ (Rs \_\_\_\_\_) which amount shall be advanced to the Contractor as per provisions of the Contract.

AND WHEREAS, the Procuring Agency has asked the Contractor to furnish Guarantee to secure the mobilization advance for the performance of his obligations under the said Contract.

AND WHEREAS, \_\_\_\_\_ (Scheduled Bank in Pakistan) (hereinafter called the "Guarantor") at the request of the Contractor and in consideration of the **procuring agency** agreeing to make the above advance to the Contractor, has agreed to furnish the said Guarantee.

NOW, THEREFORE, the Guarantor hereby guarantees that the Contractor shall use the advance for the purpose of above mentioned Contract and if he fails and commits default in fulfilment of any of his obligations for which the advance payment is made, the Guarantor shall be liable to the procuring agency for payment not exceeding the aforementioned amount.

Notice in writing of any default, of which the procuring agency shall be the sole and final judge, on the part of the Contractor, shall be given by the procuring agency to the Guarantor, and on such first written demand, payment shall be made by the Guarantor of all sums then due under this Guarantee without any reference to the Contractor and without any objection.

This Guarantee shall remain in force until the advance is fully adjusted against payments from the Interim Payment Certificates of the Contractor or until \_\_\_\_\_ Which ever is earlier. (Date)

The Guarantor's liability under this Guarantee shall not in any case exceed the sum of Rupees \_\_\_\_\_ (Rs \_\_\_\_\_).

This Guarantee shall remain valid up to the aforesaid date and shall be null and void after the aforesaid date or earlier if the advance made to the Contractor is fully adjusted against payments from Interim Payment Certificates of the Contractor provided that the Guarantor agrees that the aforesaid period of validity shall be deemed to be extended if on the above mentioned date the advance payment is not fully adjusted.



**INDENTURE FOR SECURED ADVANCES.**

(For use in cases in which is contract is for finished work and the contractor has entered into an agreement for the execution of a certain specified quantity of work in a given time).

This INDENTURE made the ..... day of .....  
..... 20..... BETWEEN (hereinafter called "the Contractor" which expression shall where the context so admits or implied be deemed to include his heirs, executors, administrators and assigns) of the one part and THE GOVERNOR OF SINDH (hereinafter called "the Government" of the other part).

WHEREAS by an agreement, dated (hereinafter called the said agreement, the contractor has agreed to perform the under-mentioned works (hereinafter referred to as the said work):-

(Here enter (the description of the works).<sup>1</sup>

AND WHEREAS the contractor has applied to the .....  
.....for an advance to him of Rupees .....  
(Rs. ....) on the security of materials absolutely belonging to him and brought by him to the site of the said works the subject of the said agreement for use in the construction of such of the said works as he has undertaken to execute at rates fixed for the finished work (inclusive of the cost of materials and labour and other charge) AND WHEREAS the 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 Part II of Running Account Bill (B). the said works signed by the contractor  
Fin R.Form.17.A

On ..... and on such covenants and conditions as are hereinafter contained and the Government has reserved to itself the option of marking any further advance or advances on the security of other materials brought by the Contractor to the site of the said works.

NOW THIS INDENTURE WTTNESSETH that in pursuance of the said agreement and in consideration of the sum of Rupees.....  
(Rs. ....) on or before the execution of these presents paid to the Contractor by the Government (the receipt whereof the Contractor doth hereby acknowledge) and of such further advances (if any) as may be made to him as aforesaid (all of which advances are hereinafter collectively referred to as the said amount) the Contractor doth hereby assign unto the Government the said materials by way of security for the said amount

And doth hereby covenant and agree with the Government and declare ay follow :-

(1) That the said sum of Rupees. ....  
RS.....) so advanced by the Government to the Contractor as aforesaid and all or any further sum or sums which may be advanced as 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 offered to and accepted by (he Government as security for the said amount are



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.

(8) That the Contractor hereby charges all the said materials with the repayment to the Government of the said sum of Rupees.....

(Rs. .... ) and any further sum or sums which may be advanced as aforesaid and all costs charges damages and expenses payable under these present PROVIDED ALWAYS and it is hereby agreed and declared that not, withstanding anything in the said agreement and without prejudice to the powers contained therein if and whether the covenant for payment and repayment hereinbefore contained shall become enforceable and the money owing shall not be paid to accordingly.

Once there with 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.

(9) That except as is expressly provided by the presents interest on the said advance shall not be payable.

(10) That in the event of any conflict between the provisions of these presents and the said agreement the provisions of these presents shall prevail and in the event of any dispute or difference arising over the construction or effect of these presents the settlement of which has not been hereinbefore expressly provided for the same shall be referred to the Superintending Engineer/Executive District Officer/Officer one grade higher to officer signed the agreement Circle whose..... decision shall be final and the provisions of the Arbitration Act 1940 for the time being in force so far as they are applicable shall apply to any such reference.

Singed, sealed and delivered by\*

In the presence of



1<sup>st</sup> witness  
2<sup>nd</sup>

witness



### Notes on the Conditions of Contract

The Conditions of Contract comprise two parts:

- (a) **Part I - General Conditions of Contract**
- (b) **Part II - Special Conditions of Contract**

Over the years, a number of "model" General Conditions of Contract have evolved. The one used in these Standard Bidding Documents was prepared by the International Federation of Consulting Engineers (Federation International des Ingenieurs-Conseils, or FIDIC), and is commonly known as the FIDIC Conditions of Contract. (The used version is the harmonized Edition March 2006).

The FIDIC Conditions of Contract have been prepared for an ad measurement (unit price or unit rate) type of contract, and cannot be used without major modifications for other types of contract, such as lump sum, turnkey, or target cost contracts.

The standard text of the General Conditions of Contract chosen must be retained intact to facilitate its reading and interpretation by bidders and its review by the procuring agency. Any amendments and additions to the General Conditions, specific to the contract in hand, should be introduced in the Particular Conditions of Contract.

The use of standard conditions of contract for all civil works will ensure comprehensiveness of coverage, better balance of rights or obligations between procuring agency and Contractor, general acceptability of its provisions, and savings in time and cost for bid preparation and review, leading to more economic prices.

The FIDIC Conditions of Contract are copyrighted and may not be copied, faxed, or reproduced. Without taking any responsibility of its being accurate, Pakistan Engineering Council with prior consent of FIDIC Secretariat, has reproduced herein the FIDIC General Conditions of Contract for reference purpose only which cannot be used by the users for preparing their bidding documents. The bidding document may include a purchased copy, the cost of which can be retrieved as part of the selling price of the bidding document. Alternatively, the FIDIC Conditions of Contract can be referred to in the bidding documents, and the bidders are advised to obtain copies directly from FIDIC.\*

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\* Add the following text if the bidding documents, as issued, do not include a copy:

“Copies of the FIDIC Conditions of Contract can be obtained from:

To request such permission please contact:

FIDIC CASE POSTALE, CH-1215 Switzerland;

Tel. +41 22 799 49 00;

Fax; +41 22 799 49 01

E-mail:

fidic@fidic.org.



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## General Conditions

### General Provisions

#### 1.1

##### Definitions

In the Conditions of Contract ("these Conditions"), which include Particular Conditions, Parts A and B, and these General Conditions, the following words and expressions shall have the meanings stated. Words indicating persons or parties include corporations and other legal entities, except where the context requires otherwise.

#### 1.1.1

##### The Contract

1.1.1.1 "Contract" means the Contract Agreement, the Letter of Acceptance, the Letter of Tender, these Conditions, the Specification, the Drawings, the Schedules, and the further documents (if any) which are listed in the Contract Agreement or in the Letter of Acceptance.

1.1.1.2 "Contract Agreement" means the contract agreement referred to in Sub-Clause 1.6 [ Contract Agreement ].

1.1.1.3 "Letter of Acceptance" means the letter of formal acceptance, signed by the Employer, of the Letter of Tender, including any annexed memoranda comprising agreements between and signed by both Parties. If there is no such letter of acceptance, the expression "Letter of Acceptance" means the Contract Agreement and the date of issuing or receiving the Letter of Acceptance means the date of signing the Contract Agreement.

1.1.1.4 "Letter of Tender" means the document entitled letter of tender or letter of bid, which was completed by the Contractor and includes the signed offer to the Employer for the Works.

1.1.1.5 "Specification" means the document entitled specification, as included in the Contract, and any additions and modifications to the specification in accordance with the Contract. Such document specifies the Works.

1.1.1.6 "Drawings" means the drawings of the Works, as included in the Contract, and any additional and modified drawings issued by (or on behalf of) the Employer in accordance with the Contract.

1.1.1.7 "Schedules" means the document(s) entitled schedules, completed by the Contractor and submitted with the Letter of Tender, as included in the Contract. Such document may include the Bill of Quantities, data, lists, and schedules of rates and/or prices.

1.1.1.8 "Tender" means the Letter of Tender and all other documents which the Contractor submitted with the Letter of Tender, as included in the Contract.

1.1.1.9 "Bill of Quantities", "Day work Schedule" and "Schedule of Payment Currencies" mean the documents so named (if any) which are comprised in the Schedules.

1.1.1.10 "Contract Data" means the pages completed by the Employer entitled contract data which constitute Part A of the Particular Conditions.





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Data (with any extension under Sub-Clause 8.4 [ Extension of Time for Completion ]), calculated from the Commencement Date.

1.1.3.4 "Tests on Completion" means the tests which are specified in the Contract or agreed by both Parties or instructed as a Variation, and which are carried out under Clause 9 [ Tests on Completion ] before the Works or a Section (as the case may be) are taken over by the Employer.

1.1.3.5 "Taking-Over Certificate" means a certificate issued under Clause 10 [ Employer's Taking Over ].

1.1.3.6 "Tests after Completion" means the tests (if any) which are specified in the Contract and which are carried out in accordance with the Specification after the Works or a Section (as the case may be) are taken over by the Employer.

1.1.3.7 "Defects Notification Period" means the period for notifying defects in the Works or a Section (as the case may be) under Sub-Clause 11.1 [ Completion of Outstanding Work and Remedying Defects ], which extends over twelve months except if otherwise stated in the Contract Data (with any extension under Sub-Clause 11.3 [Extension of Defects Notification Period ]), calculated from the date on which the Works or Section is completed as certified under Sub-Clause 10.1 [ Taking Over of the Works and Sections ].

1.1.3.8 "Performance Certificate" means the certificate issued under Sub-Clause 11.9 [ Performance Certificate ].

1.1.3.9 "day" means a calendar day and "year" means 365 days.

1.1.4  
Money and Payments

1.1.4.1 "Accepted Contract Amount" means the amount accepted in the Letter of Acceptance for the execution and completion of the Works and the remedying of any defects.

1.1.4.2 "Contract Price" means the price defined in Sub-Clause 14.1 [The Contract Price ], and includes adjustments in accordance with the Contract.

1.1.4.3 "Cost" means all expenditure reasonably incurred (or to be incurred) by the Contractor, whether on or off the Site, including overhead and similar charges, but does not include profit.

1.1.4.4 "Final Payment Certificate" means the payment certificate issued under Sub-Clause 14.13 [ Issue of Final Payment Certificate ].

1.1.4.5 "Final Statement" means the statement defined in Sub-Clause 14.11 [ Application for Final Payment Certificate ].

1.1.4.6 "Foreign Currency" means a currency in which part (or all) of the Contract Price is payable, but not the Local Currency.

1.1.4.7 "Interim Payment Certificate" means a payment certificate issued under Clause 14 [ Contract Price and Payment ], other than the Final Payment Certificate.

1.1.4.8 "Local Currency" means the currency of the Country.

1.1.4.9 "Payment Certificate" means a payment certificate issued under Clause 14 [ Contract Price and Payment ].



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1.1.6.4 "Force Majeure" is defined in Clause 19 [ Force Majeure ].

1.1.6.5 "Laws" means all national (or state) legislation, statutes, ordinances and other laws, and regulations and by-laws of any legally constituted public authority.

1.1.6.6 "Performance Security" means the security (or securities, if any) under Sub-Clause 4.2 [ Performance Security ].

1.1.6.7 "Site" means the places where the Permanent Works are to be executed, including storage and working areas, and to which Plant and Materials are to be delivered, and any other places as may be specified in the Contract as forming part of the Site..

1.1.6.8 "Unforeseeable" means not reasonably foreseeable by an experienced contractor by the Base Date.

1.1.6.9 "Variation" means any change to the Works, which is instructed or approved as a variation under Clause 13 [ Variations and Adjustments ].

1.2

Interpretation

In the Contract, except where the context requires otherwise:

- (a) words indicating one gender include all genders;
- (b) words indicating the singular also include the plural and words indicating the plural also include the singular;
- (c) provisions including the word "agree", "agreed" or "agreement" require the agreement to be record in writing;
- (d) "written" or "in writing" means hand-written, type-written, printed or electronically made, and resulting in a permanent record; and
- (e) the word "tender" is synonymous with "bid", and "tenderer" with "bidder" and the words "tender documents" with "bidding documents".

The marginal words and other headings shall not be taken into consideration in the interpretation of these Conditions.

In these Conditions, provisions including the expression "Cost plus profit" require this profit to be one-twentieth (5%) of this Cost unless otherwise indicated in the Contract Data.

1.3

Communications

Wherever these Conditions provide for the giving or issuing of approvals, certificates, consents, determinations, notices, requests and discharges, these communications shall be:

- (a) in writing and delivered by hand (against receipt), sent by mail or courier, or transmitted using any of the agreed systems of electronic transmission as stated in the Contract Data; and
- (b) delivered, sent or transmitted to the address for the recipient's communications as stated in the Contract Data. However:
  - (i) if the recipient gives notice of another address, communications shall thereafter be delivered accordingly; and
  - (ii) if the recipient has not stated otherwise when requesting an approval or consent, it may be sent to the address from which the request was



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of hired Contractor's Equipment, forthwith notify the Engineer in writing the name and address of the Owner of the equipment and shall certify that the agreement for the hire thereof contains a provision in accordance with the requirements set forth above.

*The following sub-clause 7.9 is added in (GCC):*

**7.9 Use of Pakistani Materials and Services**

The contractor shall, so far as may be consistent with the contract, make the maximum use of materials, supplies, plant and equipment indigenous to or produced or fabricated in Pakistan and services, available in Pakistan provided such materials, supplies, plant, equipment and services shall be of required standard.

**8.1 Commencement of Works**

The last para is deleted and substituted with the following:

The contractor shall commence the works on site within the period named in Appendix-A to Bid from the date of receipt by him from the Engineer of a written Notice to Commence. Thereafter, the contractor shall proceed with the works with due expedition and without delay.

**8.11 Prolonged Suspension**  
Replace 84 days by 120 days.

**8.3 Programme**

*The following text is to be added after [Commencement of Works]*

The programme shall be submitted in the either form of:

- a) Bar Chart identifying the critical activities.
  - b) Critical Path Method (CPM) identifying the critical path/activities.
  - c) Program Evaluation and Review Techniques (PERT).
- (Procuring Agency to select appropriate one)*

**13.1 Right to vary**

In the last line of Para, after the word "Variation", the word "in writing" is added.

**13.3 Variation procedure**

In the tenth line, after the words "as soon as practicable" following is added:  
"and within a period not exceeding one-eighth of the completion time"

**13.8 Adjustment for changes in cost**

*This clause will be applicable for Foreign funded Project/ Schemes or ICB Contracts (locally & foreign funded) only.*

*The following provision is added for Local funded Project/ Schemes/National Competitive Bidding Contracts:*

The amounts payable to the Contractor, pursuant to Sub-Clause 14.6, shall be adjusted in respect of the rise or fall in the cost of materials only, and will be paid to the contractor on those items mentioned in the Appendix -C (B).



- (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 shall not be allowed unless and until the previous advance, if any, is fully recovered;
- (viii) Detailed account of advances must be kept in part II of running account bill or a separate statement; 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 in no case for full quantities of materials for the entire work/contract.
- (II) Recovery of Secured Advance:**  
Secured Advance paid on non-perishable materials 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);

#### 14.8 Delayed Payment

*Second Para is replaced with following text:*

In the event of the failure of the Procuring Agency to make the payment within the time stated, the procuring agency shall pay to the contractor in case of **ICB contracts only**, the compensation at rate of KIBOR+2% per annum in local currency and Libor+1% for foreign currency, upon all sums to be paid from the date of which the same would have been paid.

#### 15.2 Termination by Employer

*The following Para is added at the end of the sub-clause:*

Provided further, that in addition to the action taken by the procuring agency against the Contractor under this Clause, the procuring agency may also refer the case of default of the Contractor to Pakistan Engineering Council for punitive action under the Construction and Operation of Engineering Works Bye-Laws 1987, as amended from time to time.

#### 15.6 Corrupt and fraudulent Practices.

*The following text is to be added as 3<sup>rd</sup> paragraph:*

*Successful Contractor has to provide Integrity Pact (for contracts worth Rs.10.0 million and above).*

If the Contractor or any of his Subcontractors, agents or servants is found to have violated or involved in violation of the Integrity Pact signed by the Contractor as Appendix-L to his Bid, then the procuring agency shall be entitled to:



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Bank and donor's programme except the place of arbitration shall be ..... in Sindh Province.

**Annex PROCEDURAL RULES**

Procuring Agency can retain these rules with or without changes, in case of contracts under Project, Bank and donor's programme.



## **SPECIFICATIONS**

## DRAWINGS



