Department of Tourism, Culture, Sports, Archaeology. Museums & Youth Affairs

PROJECT MANAGEMENT UNIT (PMU)

"Khyber Pakhtunkhwa Integrated Tourism Development Project (KITE)"

Request for Quotations (One-Envelope Bidding Process)

PROCUREMENT OF SMALL CIVIL WORKS

Procurement of Small Civil Works for the Supply and Installation of Specialized Museum Showcases for the Upgradation of Museums at D.I Khan, Hund & Abbottabad

Lot-1
Procurement of Small Civil Works for the Supply and Installation specialized museum showcases at D.I Khan Museum
Procurement of Small Civil Works for the Supply and Installation specialized museum showcases at Hund Museum (Swabi)
Procurement of Small Civil Works for the Supply and Installation specialized museum showcases at Abbottabad Museum

Ref No.: PK-KP DOT-490458-CW-RFQ

Project: Khyber Pakhtunkhwa Integrated Tourism Development Enterprise – KITE (DoT) **Employer:** Project Management Unit – KITE DoT Govt. of Khyber Pakhtunkhwa. **Country:** *Islamic Republic of Pakistan*.

Issued on: May 12, 2025



GOVERNMENT OF KHYBER PAKHTUNKHWA

KHYBER PAKHTUNKHWA INTEGRATED TOURISM **DEVELOPMENT PROJECT (KITE)**PROJECT MANAGEMENT UNIT (DOT)

Department of Tourism, Culture, Sports, Archaeology, Museums & Youth Affairs

Table of Contents

Request for Quotations	1
ANNEX 1: Works Requirements	
ANNEX 2: Quotation Forms	18
ANNEX 3: Contract Forms	5

Request for Quotations

RFQ Ref No.: PK-KP DOT-490458-CW-RFQ

RFQ Date: May 12, 2025

To: Prospective Contractors

Dear: Prospective Contractors

Request for Quotation (RFQ)

- 1. The Government of Khyber Pakhtunkhwa has received Credit from the International Development Association (IDA) of the World Bank Group for Khyber Pakhtunkhwa Integrated Tourism Development Project (KITE) and intends to apply part of the proceeds towards payments under the contract for "Procurement of Small Civil Works for the Supply and Installation of Specialized Museum Showcases for the Upgradation of Museums at D.I Khan, Hund & Abbottabad (PK-KP DOT-490458-CW-RFQ) through this Request for Quotations (RFQ) and subsequent Lots therein.
- 2. The Project Management Unit (PMU) for KITE Project now invites sealed quotations from eligible Contractors for the Procurement of Small Civil Works for the Supply and Installation of Specialized Museum Showcases for the Upgradation of Museums at D.I Khan, Hund & Abbottabad (PK-KP DOT-490458-CW-RFQ) small civil works described in Annex 1,2 & 3 respectively. The works requirements, attached to this RFQ.

Fraud and Corruption

- 3. The Bank requires compliance with the Bank's Anti-Corruption Guidelines and its prevailing sanctions policies and procedures as set forth in the WBG's Sanctions Framework, as set forth in Appendix A to the Contract Conditions.
- 4. In further pursuance of this policy, Contractors shall permit and shall cause their agents (where declared or not), subcontractors, subconsultants, service providers, suppliers, and personnel, to permit the Bank to inspect all accounts, records and other documents relating to the RFQ and Contract performance (in the case of award), and to have them audited by auditors appointed by the Bank.

Eligible Materials, Equipment and Services

5. The materials, equipment and services to be supplied under the Contract and financed by the Bank may have their origin in any country subject to Para. 9. At the Employer's request, Contractors may be required to provide evidence of the origin of materials, equipment and services.

Eligible Contractors

- 6. In case the Contractor is a joint venture (JV), all members shall be jointly and severally liable for the execution of the entire Contract in accordance with the Contract terms. The JV shall nominate a representative who shall have the authority to conduct all business for and on behalf of any and all the members of the JV during the Request for Quotations process and, in the event the JV is awarded the Contract, during contract execution.
- 7. A Contractor may have the nationality of any country, subject to the restrictions pursuant to paras. 8 and 9 hereinafter. A Contractor shall be deemed to have the nationality of a country if the

Contractor is constituted, incorporated or registered in, and operates in conformity with, the provisions of the laws of that country, as evidenced by its articles of incorporation (or equivalent documents of constitution or association) and its registration documents, as the case may be. This criterion also shall apply to the determination of the nationality of proposed subcontractors or subconsultants for any part of the Contract including Related Services.

- 8. Firms and individuals may be ineligible if so indicated in para.9 below and:
 - (a) as a matter of law or official regulations, the Borrower's country prohibits commercial relations with that country, provided that the Bank is satisfied that such exclusion does not preclude effective competition for the supply of goods or the contracting of works or services required; or
 - (b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, the Borrower's country prohibits any import of goods or contracting of works or services from that country, or any payments to any country, person, or entity in that country.
- 9. In reference to paras. 5 and 7, for the information of Contractors, at the present time firms, goods and services from the following countries are excluded from this procurement process:
 - (a) Under para. 5 and 8 (a): India & Israel.
- 10. A Contractor that has been sanctioned by the Bank, pursuant to the Bank's Anti-Corruption Guidelines, in accordance with its prevailing sanctions policies and procedures as set forth in the WBG's Sanctions Framework as described in the appendix to the Contract Conditions (Appendix A) paragraph 2.2 d., shall be ineligible to submit Quotations or be awarded or otherwise benefit from a Bank-financed contract, financially or otherwise, during such period of time as the Bank shall have determined. A list of debarred firms and individuals is available on the Bank's external website: http://www.worldbank.org/debarr.
- 11. Contractors that are state-owned enterprises or institutions in the Employer's country may be eligible to compete and be awarded a Contract(s) only if they can establish, in a manner acceptable to the Bank, that they:
 - (a) are legally and financially autonomous;
 - (b) operate under commercial law; and
 - (c) are not under supervision of the Employer.
- 12. A Contractor shall not have a conflict of interest. Any Contractor found to have a conflict of interest shall be disqualified. A Contractor may be considered to have a conflict of interest for the purpose of this Request for Quotations process, if the Contractor:
 - (a) directly or indirectly controls, is controlled by or is under common control with another Contractor that submitted a Quotation;
 - receives or has received any direct or indirect subsidy from another Contractor that submitted a Quotation;
 - (c) has the same legal representative as another Contractor that submitted a Quotation;
 - (d) has a relationship with another Contractor that submitted a Quotation, directly or through common third parties, that puts it in a position to influence the Quotation of another Contractor, or influence the decisions of the Employer regarding this Request for Quotations process; or

- (e) or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the works that are the subject of the Request for Quotations process; or
- (f) or any of its affiliates has been hired (or is proposed to be hired) by the Employer or Borrower for implementing the Contract; or
- (g) would be providing goods, works, or non-consulting services resulting from, or directly related to consulting services for the preparation or implementation of the project specified in this Request for Quotations, that it provided or were provided by any affiliate that directly or indirectly controls, is controlled by, or is under common control with that firm; or
- (h) has a close business or family relationship with a professional staff of the Borrower (or of the project implementing agency, or of a recipient of a part of the loan) who: (i) are directly or indirectly involved in the preparation of the Request for Quotations or specifications and/or the evaluation of Quotations, of the subject Contract; or (ii) would be involved in the implementation or supervision of such Contract unless the conflict stemming from such relationship has been resolved in a manner acceptable to the Bank throughout the Request for Quotations process and execution of the Contract.

Performance Security

13. The successful Contractor shall submit a Performance (8% of the contract price) & Environmental Security (2% of the contract price) in accordance with the Contract Conditions."

Validity of Quotations

14. The quotations shall be valid until Ninety (90) Days after bid submission.

Quoted Price

- 15. The Contractor shall quote its total price in the Contractor's Quotation Form and may wish to offer a discount
 - a. The Contractor shall also fill in its rates and prices for all items of the Works described in the attached Bill of Quantities. Items against which no rate or price is entered by the Contractor will not be paid for by the Employer when executed and shall be deemed covered by the rates for other items and prices in the Bill of Quantities.
 - b. The rates and prices shall include all duties, taxes, and other levies payable by the Contractor under the Contract.
- 16. The Contractor shall quote its price in Pak Rupees.
- 17. The currency(ies) of the Quotation and the currency(ies) of payments shall be the same.

Technical proposal

18. The Contractor shall furnish a technical proposal including a statement of work methods, equipment, personnel, schedule and any other relevant information, in sufficient detail to demonstrate the adequacy of its proposal to meet the work's requirements and the completion time.

E&S Requirements

19. The contractor will ensure compliance with the World Bank approved Safeguard (PCRMP/ESMP) during the execution of the contract. The approved PCRMP is available on the official website of the PMU KITE DoT and is a part of the bidding process.

Clarifications

20. Any clarification request regarding this RFQ may be sent in writing to the Officer of **Project Director PMU KITE DoT** samad@pmukite.com, procurement.kite@gmail.com four (4) business days prior to submission date. The Employer will forward copies of its response to all Contractors including a description of the inquiry but without identifying its source.

Submission of Quotations

- 21. Quotations are to be submitted sealed in a single envelope, clearly marked with the Reference above, the name of the Bidder and Implementing Agency. The deadline for submission of Quotations is **May 22, 2025**, 1400hrs.
- 22. The address for submission of Quotations is:

Attention: Project Director PMU KITE DoT House No. 20, Syed Jamal Uddin Afghani Road, University Town Peshawar, Khyber Pakhtunkhwa Pakistan

Opening of Quotations

23. Quotations will be opened by the Employer's representatives immediately after the deadline for the submission of Quotations.

Evaluation of Quotations

- 24. The quotations will be evaluated to determine substantial responsiveness of the Request for Quotations (RFQ).
- 25. The evaluation shall be of the contractor's methodology, work schedule, completion of all required forms, evaluation of the contractor's evidence of financial resources available to perform the works, and evaluation of the contractor's evidence of previous completed work of similar nature.
- 26. Any contractor determined to be qualified and capable (eligible) to perform the works based on the evaluation criteria in line 25 above, their bid price is evaluated. The lowest evaluated price will be determined after correcting any arithmetic errors and other specified adjustments, if any.
- 27. Quotation will be evaluated for the Lots under this RFQ. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. An item not listed in the Price Schedule shall be assumed not included in the Quotation, and provided that the Quotation is substantially responsive, the average of the item price as quoted by substantially responsive Contractors will be added to the Quotation and the equivalent total price of the Quotation so determined will be used for price comparison.

Contract Award

- a. The Contract will be awarded to the Contractor who:
- b. is eligible;
- c. offers the lowest evaluated price/s;
- d. offers a technically compliant quotation and determined to be responsive and
- e. guarantees delivery/completion of the Works in accordance with the delivery period as per contract.
- f. provide an affidavit on the letter head that the firm has not been black listed by any Government / Semi Government organization;

- g. must have three (03) years of relevant experience. (copies of verifiable PO/WO/Contract of at-least 03 completed project Must be attached with quotation).
- h. Methodology for executing the works including required Environmental, Social, Health and Safety Plans/Measures that will be implemented by the contractor.

The contract shall be subject to the General Conditions of Contract for Works as attached.

29. The Employer shall invite by the quickest means, e-mail, the successful Contractor for any discussion/ negotiation that may be needed to conclude the contract or otherwise for contract signature.

On behalf of the Employer:

PMU KITE DoT

House No. 20, Syed Jamal Uddin Afghani Road, University Town Peshawar, Khyber

Pakhtunkhwa Pakistan

Phone No. +92 91 9216370-72 Fax No. +92 91 9216371

procurement.kite@gmail.com

www.kite.kptourism.com

Attachments:

Annex 1: Works Requirements/ Specification

- 1. Civil Works at D.I Khan Museum
- 2. Civil Works at Hund Museum
- 3. Civil Works at Abbottabad Museum.

Annex 2: Quotation Form Annex 3: Contract Forms

ANNEX 1:

Works Requirements / Specifications

1. CIVIL WORKS AT D.I KHAN MUSEUM.

tem No	Description of work	Quantity	Unit
1	Clearance of site by cutting, removing all shrubs, trees, upto 6 inches (152 mm) girth, etc.	2,120	SFT
2	Repair to Crack of Brick Wall by Grouting mixture of Cement lime and interplast-Z with Cement Gun including cutting the chase of required Size	320.75	SFT
3	Mosaic dado or skirting complete as per specs Using grey cement: 3/8" thick	223.50	SFT
4	Dismantling Mud concrete.	1,250	CFT
5	Dismantling brick work in lime or Cement mortar.	310.25	CFT
6	Dismantling 2nd class tile roofing.	927	SFT
7	Dismantling roof of wooden battens from any height.	401	SFT
8	Removing/Scraping mud plaster carefully from wall as per instruction of Engineer in charge. (100sft)	120.50	SFT
9	scraping: White wash or colour wash	210	SFT
10	Dismantling: Plain Cement Concrete 1:2:4	112	CFT
11	1st class Pacca brick work in ground floor lime, Surkhi mortar. 1:3	120	CFT
12	Plain wood work sawn, wrought, planed & fixed in position, including nails & screws: Deodar wood	410	CFT
13	First class tile roofing including earth, mud plaster, gobri leaping, cement plaster etc complete	70	SFT
14	Provide, lay, water & ram brick ballast 1.5" to 2" gauge mixed with 25% sand for floor foundations	201.50	CFT
15	First class deodar wood wrought joinery in doors and windows etc. complete: 1.5" thick,	122	SFT
16	Deodar wood doors framed with braces & 22 SWG GI sheet facing on one side complete	210	SFT
17	Glazing with plate glass 6 mm thick including cost of deodar wood fillet & putty: Upto 0.75 m2	122.33	SFT
18	Providing and fixing grating in opening including fixing at site with flat iron 2" x 3/8" and 3/4" round bars at 4" center to center.	100	SFT
19	Provide & fix GI wire gauze 22 SWG, 12x12 mesh per sq. in, fixed to steel window complete	102	SFT
20	P/F brass spring hinges to wire gauzed door.	150	EACH
21	Providing and fixing sliding bolt to doors Iron sliding bolts: 10" long	387.75	EACH
22	Carriage of 100 cft / 5 tonne of all materials, by truck or other means from 50m to 10 km.	252.58	CFT
23	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	195.75	CFT
24	Brick tiles (12"x6"x2") laid in 1:6 c/s mortar, over a bed of 3/4" thick c/s mortar 1:6	112.75	SFT
25	Prepare & Paint new surface, doors & windows Priming coat & three coat	220.25	SFT
26	Providing and Fixing of Ceramic Tiles 12"×24" of Imported Approved Best Quality with jointing and finishing	2,750	SFT
27	Flat sheet roof with GI plain sheets, including batten rolls, screws, clips etc: 22 BWG	90	SFT
28	Priming coat of chalk under distemper and three coat of Distempering.	133	SFT
29	Lime pointing flush upto 20' height, including racking joints in lime sand mortar 1:2	200	SFT
30	Preparing surface & painting with snowcem / weather shield paint: 2nd & subsequent coats	10,000	SFT

31	Small iron work, such as gusset plates, knees, bends, stirrups, straps, rings etc including erection	1	TON
32	Post anti Termite Treatment in the building mixed with water of mixing ratio as per the manufacturer's certified manual including boreholes as specified	16,864	SFT
33	Cast iron rain water down pipe fixed in position excluding heads & shoes: 4" Dia	750	RFT
34	French polishing complete: On old work	4,001.30	SFT
35	Scraping rust from old rails or girders	2,892	SFT
36	Drilling of Bore holes for tube well in all types of soil and soft rock except hard rock from ground level upto 328 ft depth (0m to 100m), including sinking, collection of 100 % coring's and withdrawing of pipe, complete as per specifications.: Dia of Bore 6" (150 mm) i/d	150	RFT
37	Providing and installing PVC blind pipe BSS Class "C" in Tube Well Bore Hole including Sockets and Solvents and jointing with strainer etc. complete: 6" Nominal Pipe Size (NPS) (200 mm)	150	RFT
38	Providing and installing Stainless Steel Strainer of approved make \ quality in tubewell bore hole, including socket, special sockets, studs etc. complete as per specification: -8" (200 mm) Nominal Pipe Size (NPS) 3/16" (5mm) thick	20	RFT
39	Providing and Fixing of Submersible pump with motor for pressure pump1.5 HP	1	NO
40	Masonry with Facing/Special Bricks in cement sand mortar 1:2 upto 10 ft. height (4-1/2" thick)	920	CFT
41	Providing and Fixing angle iron railing with MS Pipe 2" dia at top and at Midheight, using 2.5"x2.5"x3/8" angle iron post 4.5' long, 5" to 6"apart, complete	460	RFT
42	Providing & fixing chromium plated double bib-cock with Muslim Shower of approved quality Complete is all respects.	2	EACH
43	Dismantling 1st class tile roofing	120	SFT
44	Providing and Fixing of Bath Room Tiles Border 12" x 3" of approved quality	820	RFT
45	Providing and fixing in position Gas water Geyser with fittings including thermostat, safety valve etc: - 50 Gallon Best Quality	1	EACH
46	Supplying and Fixing Polyethylene Water Tank made from food grade FDA Certified raw material, 3 layers UV stabilized, inert with water, anti-fungus and anti-bacterial and have a service life of more than 10 years: 1000 gallons (Vertical)	1	EACH
47	Providing & Fixing of SHOWER SET locally made complete with concealed T-STOP COCK for cold and hot water supply with mixer, swivel shower rose, long bib cock etc Complete in all respect	2	EACH
48	Providing and fixing stainless steel ball float valve of approved quality: 1/2" (13 mm) Dia	4	EACH
49	Providing and Fixing Best Quality Wall Shower Set 671/73 C. P	2	EACH
50	Providing and fitting glazed earthenware water closet (WC), squatter type (orisa pattern) combined with foot rest. complete in all respects: White	2	EACH
51	Providing and fixing chromium plated (CP) doublebib cock, heavy duty of approved quality: 1.5 cm(1/2")	12	EACH
52	Drain		
53	Earth excavation in open cut upto 1.5m depth for drains etc & disposal: in Ordinary Soil	7,470	CFT
54	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	900	CFT
55	Making and fixing grating in opening, including fixing at site with flat iron 2"x3/8" and 3/4" sq. Bars	600	SFT
56	erection and removal of Form work with Steel Surface Finishing for RCC or Plain cement Concrete in any shape - Position / Vertical	1,200	SFT
57	Leveling dressing and making lawn	12,000	SFT
58	Earth fills in lawns including dressing & compaction with suitable earth borrowed.	12,000	CFT
59	Turfing of lawn with Dacca Grass	12,000	SFT
50	first class brick tiles clad by laying tiles in stretcher course, in cement sand mortar 1:4	1,920	SFT

62	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc: 3/4" i/d	500	M
63	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc: 1" i/d	500	M
64	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc: 1.25" i/d	600	М
65	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc: 1.5" i/d	150	М
66	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc: 2" i/d	50	М
67	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc:3" i/d	200	М
68	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc: 4" i/d	50	M
69	Supply and Erection Sahl wood strip batten for wiring complete 1/2"	500	M
70	Supply and Erection Sahl wood strip batten for wiring complete 3/4"	500	M
71	Supply and Erection Sahl wood strip batten for wiring complete 1"	500	M
72	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable: 3/0.029" 1/2" i/d (1.5 mm2)	1,800	M
73	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable: 7/0.029" (2.5 mm2)	3,000	М
74	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable: 7/0.036" (4 mm2)	1,500	М
75	Supply and Erection single core PVC insulated copper conductor250/440 V grade cable: 7/0.044" (6 mm2)	1,800	М
76	Supply and Erection single core PVC insulated copper conductor	150	M
	250/440 V grade cable: 7/0.064" (16 mm2) Supply an Erection of Ceiling Fans, Bracket Fans, Exhaust Fans Approved Bran per Instruction of Engineer In charge	ds complete in	M all respects as
77	Supply an Erection of Ceiling Fans, Bracket Fans, Exhaust Fans Approved Bran per Instruction of Engineer In charge. Note: The below are generalized specifications for Fans, for selection of the shap/mode suitable for the architecture & aesthetic view of the site the contractor shall be be	l & outer look	all respects as
77	Supply an Erection of Ceiling Fans, Bracket Fans, Exhaust Fans Approved Bran per Instruction of Engineer In charge. Note: The below are generalized specifications for Fans, for selection of the shap/mode	l & outer look	all respects as
	Supply an Erection of Ceiling Fans, Bracket Fans, Exhaust Fans Approved Bran per Instruction of Engineer In charge. Note: The below are generalized specifications for Fans, for selection of the shap/mode suitable for the architecture & aesthetic view of the site the contractor shall be be then 03 for approval of the Engineer/PMU. Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator: 56" sweep Below item is proposed as additional item to the ceiling Fan and is recommended each show Case, However, Final Decision shall made by the Engineer and PMU a	1 & outer look ound to submi 20 to be installed	all respects as of the Fans, t samples not le EACH on the wall abo
78	Supply an Erection of Ceiling Fans, Bracket Fans, Exhaust Fans Approved Bran per Instruction of Engineer In charge. Note: The below are generalized specifications for Fans, for selection of the shap/mode suitable for the architecture & aesthetic view of the site the contractor shall be bethen 03 for approval of the Engineer/PMU. Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator: 56" sweep Below item is proposed as additional item to the ceiling Fan and is recommended each show Case, However, Final Decision shall made by the Engineer and PMU a Supply and fixing of 24" Dia Direct axial Wall Bracket fan,1450Rpm, Max 50db sound level Fan shall be made with 99% purity Copper windings	1 & outer look ound to submine 20 to be installed at the time of in 25	all respects as of the Fans, t samples not le EACH on the wall about the stallation. EACH
78 79 80 81	Supply an Erection of Ceiling Fans, Bracket Fans, Exhaust Fans Approved Bran per Instruction of Engineer In charge. Note: The below are generalized specifications for Fans, for selection of the shap/mode suitable for the architecture & aesthetic view of the site the contractor shall be bethen 03 for approval of the Engineer/PMU. Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator: 56" sweep Below item is proposed as additional item to the ceiling Fan and is recommended each show Case, However, Final Decision shall made by the Engineer and PMU at Supply and fixing of 24" Dia Direct axial Wall Bracket fan,1450Rpm, Max 50db sound level Fan shall be made with 99% purity Copper windings Supply & Erection of Transpower auto circuit breaker 3-phase / 1- phase 400V At respects as per Instruction of Engineer In charge. Payment shall be made on the site.	1 & outer look ound to submi 20 to be installed at the time of in 25 Approved Brance actual Quanter actual Quanter 1	all respects as of the Fans, t samples not le EACH on the wall about allation. EACH ds complete in
78 79 80 81	Supply an Erection of Ceiling Fans, Bracket Fans, Exhaust Fans Approved Bran per Instruction of Engineer In charge. Note: The below are generalized specifications for Fans, for selection of the shap/mode suitable for the architecture & aesthetic view of the site the contractor shall be bethen 03 for approval of the Engineer/PMU. Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator: 56" sweep Below item is proposed as additional item to the ceiling Fan and is recommended each show Case, However, Final Decision shall made by the Engineer and PMU a Supply and fixing of 24" Dia Direct axial Wall Bracket fan,1450Rpm, Max 50db sound level Fan shall be made with 99% purity Copper windings Supply & Erection of Transpower auto circuit breaker 3-phase / 1- phase 400V A respects as per Instruction of Engineer In charge. Payment shall be made on the site. Supply and Erection Transpower auto circuit breaker 3-phase, 400V fungus moisture proofing: 30 Amp.	1 & outer look ound to submit 20 to be installed at the time of in 25 approved Brance actual Quant	all respects as of the Fans, t samples not le EACH on the wall about the stallation. EACH ds complete in
78 79 80 81 82	Supply an Erection of Ceiling Fans, Bracket Fans, Exhaust Fans Approved Bran per Instruction of Engineer In charge. Note: The below are generalized specifications for Fans, for selection of the shap/mode suitable for the architecture & aesthetic view of the site the contractor shall be bethen 03 for approval of the Engineer/PMU. Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator: 56" sweep Below item is proposed as additional item to the ceiling Fan and is recommended each show Case, However, Final Decision shall made by the Engineer and PMU a Supply and fixing of 24" Dia Direct axial Wall Bracket fan,1450Rpm, Max 50db sound level Fan shall be made with 99% purity Copper windings Supply & Erection of Transpower auto circuit breaker 3-phase / 1- phase 400V A respects as per Instruction of Engineer In charge. Payment shall be made on the site. Supply and Erection Transpower auto circuit breaker 3-phase, 400V fungus moisture proofing: 30 Amp. Supply and Erection Transpower auto circuit breaker 3-phase, 400V fungus moisture proofing: 60 Amp.	1 & outer look ound to submit 20 to be installed at the time of in 25 Approved Branche actual Quant 1	all respects as of the Fans, t samples not le EACH on the wall about a stallation. EACH ds complete in a stalled
78 79 80 81 82 83 84	Supply an Erection of Ceiling Fans, Bracket Fans, Exhaust Fans Approved Bran per Instruction of Engineer In charge. Note: The below are generalized specifications for Fans, for selection of the shap/mode suitable for the architecture & aesthetic view of the site the contractor shall be bethen 03 for approval of the Engineer/PMU. Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator: 56" sweep Below item is proposed as additional item to the ceiling Fan and is recommended each show Case, However, Final Decision shall made by the Engineer and PMU at Supply and fixing of 24" Dia Direct axial Wall Bracket fan,1450Rpm, Max 50db sound level Fan shall be made with 99% purity Copper windings Supply & Erection of Transpower auto circuit breaker 3-phase / 1- phase 400V At respects as per Instruction of Engineer In charge. Payment shall be made on the site. Supply and Erection Transpower auto circuit breaker 3-phase, 400V fungus moisture proofing: 30 Amp. Supply and Erection Transpower auto circuit breaker 3-phase, 400V fungus moisture proofing: 60 Amp. Supply and Erection Transpower auto circuit breaker 3-phase, 400V fungus moisture proofing: 100 Amp.	1 & outer look ound to submit 20 to be installed at the time of in 25 Approved Brance actual Quant 1	all respects as of the Fans, t samples not le EACH on the wall about a complete in
78 79 80 81 82 83 84 85	Supply an Erection of Ceiling Fans, Bracket Fans, Exhaust Fans Approved Bran per Instruction of Engineer In charge. Note: The below are generalized specifications for Fans, for selection of the shap/mode suitable for the architecture & aesthetic view of the site the contractor shall be bethen 03 for approval of the Engineer/PMU. Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator: 56" sweep Below item is proposed as additional item to the ceiling Fan and is recommended each show Case, However, Final Decision shall made by the Engineer and PMU at Supply and fixing of 24" Dia Direct axial Wall Bracket fan, 1450Rpm, Max 50db sound level Fan shall be made with 99% purity Copper windings Supply & Erection of Transpower auto circuit breaker 3-phase / 1- phase 400V At respects as per Instruction of Engineer In charge. Payment shall be made on the site. Supply and Erection Transpower auto circuit breaker 3-phase, 400V fungus moisture proofing: 30 Amp. Supply and Erection Transpower auto circuit breaker 3-phase, 400V fungus moisture proofing: 60 Amp. Supply and Erection Transpower auto circuit breaker 3-phase, 400V fungus moisture proofing: 100 Amp. Supply and Erection Transpower auto circuit breaker 3-phase, 400V fungus moisture proofing: 100 Amp. Supply and Erection Transpower auto circuit breaker 3-phase, 400V fungus moisture proofing: 100 Amp.	1 & outer look ound to submit 20 to be installed at the time of in 25 Approved Branche actual Quant 1 1 1 1 50	all respects as of the Fans, t samples not le EACH on the wall about a complete in
78 79 80 81 82 83 84 85 86	Supply an Erection of Ceiling Fans, Bracket Fans, Exhaust Fans Approved Bran per Instruction of Engineer In charge. Note: The below are generalized specifications for Fans, for selection of the shap/mode suitable for the architecture & aesthetic view of the site the contractor shall be be then 03 for approval of the Engineer/PMU. Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator: 56" sweep Below item is proposed as additional item to the ceiling Fan and is recommended each show Case, However, Final Decision shall made by the Engineer and PMU a Supply and fixing of 24" Dia Direct axial Wall Bracket fan,1450Rpm, Max 50db sound level Fan shall be made with 99% purity Copper windings Supply & Erection of Transpower auto circuit breaker 3-phase / 1- phase 400V A respects as per Instruction of Engineer In charge. Payment shall be made on the site. Supply and Erection Transpower auto circuit breaker 3-phase, 400V fungus moisture proofing: 30 Amp. Supply and Erection Transpower auto circuit breaker 3-phase, 400V fungus moisture proofing: 60 Amp. Supply and Erection Transpower auto circuit breaker 3-phase, 400V fungus moisture proofing: 100 Amp. Supply and Erection single phase imported auto circuit breaker 6 Amp. Supply and Erection single phase imported auto circuit breaker 15 Amp.	1 & outer look ound to submit 20 to be installed at the time of in 25 Approved Brance actual Quant 1 1 1 50 10	all respects as of the Fans, t samples not le EACH on the wall about a complete in
78 79 80 81 82 83 84 85 86	Supply an Erection of Ceiling Fans, Bracket Fans, Exhaust Fans Approved Branper Instruction of Engineer In charge. Note: The below are generalized specifications for Fans, for selection of the shap/mode suitable for the architecture & aesthetic view of the site the contractor shall be bethen 03 for approval of the Engineer/PMU. Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator: 56" sweep Below item is proposed as additional item to the ceiling Fan and is recommended each show Case, However, Final Decision shall made by the Engineer and PMU a Supply and fixing of 24" Dia Direct axial Wall Bracket fan,1450Rpm, Max 50db sound level Fan shall be made with 99% purity Copper windings Supply & Erection of Transpower auto circuit breaker 3-phase / 1- phase 400V A respects as per Instruction of Engineer In charge. Payment shall be made on the site. Supply and Erection Transpower auto circuit breaker 3-phase, 400V fungus moisture proofing: 30 Amp. Supply and Erection Transpower auto circuit breaker 3-phase, 400V fungus moisture proofing: 60 Amp. Supply and Erection Transpower auto circuit breaker 3-phase, 400V fungus moisture proofing: 100 Amp. Supply and Erection single phase imported auto circuit breaker 6 Amp. Supply and Erection single phase imported auto circuit breaker 15 Amp. Supply and Erection single phase imported auto circuit breaker 20 Amp.	1 & outer look ound to submit 20 to be installed at the time of in 25 Approved Branche actual Quant 1 1 1 1 50	all respects as of the Fans, t samples not le EACH on the wall about a complete in the stallation. EACH
78 79 80 81 82 83 84 85 86 87	Supply an Erection of Ceiling Fans, Bracket Fans, Exhaust Fans Approved Bran per Instruction of Engineer In charge. Note: The below are generalized specifications for Fans, for selection of the shap/mode suitable for the architecture & aesthetic view of the site the contractor shall be bethen 03 for approval of the Engineer/PMU. Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator: 56" sweep Below item is proposed as additional item to the ceiling Fan and is recommended each show Case, However, Final Decision shall made by the Engineer and PMU a Supply and fixing of 24" Dia Direct axial Wall Bracket fan,1450Rpm, Max 50db sound level Fan shall be made with 99% purity Copper windings Supply & Erection of Transpower auto circuit breaker 3-phase / 1- phase 400V A respects as per Instruction of Engineer In charge. Payment shall be made on the site. Supply and Erection Transpower auto circuit breaker 3-phase, 400V fungus moisture proofing: 30 Amp. Supply and Erection Transpower auto circuit breaker 3-phase, 400V fungus moisture proofing: 60 Amp. Supply and Erection Transpower auto circuit breaker 3-phase, 400V fungus moisture proofing: 100 Amp. Supply and Erection single phase imported auto circuit breaker 6 Amp. Supply and Erection single phase imported auto circuit breaker 15 Amp. Supply and Erection single phase imported auto circuit breaker 20 Amp. Supply and Erection of bus bars 500 volts 3 phase AC supply with 4 copper bars - 100 Amp with bar size1 1 1/2" X 1/8"	to be installed the time of in 25 Approved Brance actual Quants 1 1 1 50 10 10 30	all respects as of the Fans, t samples not le EACH on the wall about a complete in
78 79 80 81 82 83	Supply an Erection of Ceiling Fans, Bracket Fans, Exhaust Fans Approved Branper Instruction of Engineer In charge. Note: The below are generalized specifications for Fans, for selection of the shap/mode suitable for the architecture & aesthetic view of the site the contractor shall be bethen 03 for approval of the Engineer/PMU. Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator: 56" sweep Below item is proposed as additional item to the ceiling Fan and is recommended each show Case, However, Final Decision shall made by the Engineer and PMU a Supply and fixing of 24" Dia Direct axial Wall Bracket fan,1450Rpm, Max 50db sound level Fan shall be made with 99% purity Copper windings Supply & Erection of Transpower auto circuit breaker 3-phase / 1- phase 400V A respects as per Instruction of Engineer In charge. Payment shall be made on the site. Supply and Erection Transpower auto circuit breaker 3-phase, 400V fungus moisture proofing: 30 Amp. Supply and Erection Transpower auto circuit breaker 3-phase, 400V fungus moisture proofing: 60 Amp. Supply and Erection Transpower auto circuit breaker 3-phase, 400V fungus moisture proofing: 100 Amp. Supply and Erection single phase imported auto circuit breaker 6 Amp. Supply and Erection single phase imported auto circuit breaker 20 Amp. Supply and Erection of bus bars 500 volts 3 phase AC supply with 4 copper bars -	to be installed at the time of in 25 approved Branne actual Quant 1 1 50 10 10 10	all respects as of the Fans, t samples not le EACH on the wall about a stallation. EACH ds complete in tities installed EACH EACH EACH EACH EACH EACH EACH EACH

	2 pole clamps		EACH
92	Supply an Erection of 4 core PVC insulated non armoured copper conductor Brands of Cables with copper Thimbles of appropriate size, all punching both bolt. charges Payments shall be paid as per actual length installed at site complete of Engineer In charge.	sides identifica	ition tags and nut
93	Supply at site, installation, testing and commissioning of 4C-16 mm2 PVC insulated un-armoured copper conductor cable 600 / 1000 Volt grade (or otherwise mentioned in cable description) in prelaid conduits / trenches to be installed as per routes shown on drawings including cost of all necessary materials, connections, identification tags, cables lugs properly crimped at both ends for the following sizes complete in all respects.	150	RMTR
95	Supply, installation, testing & commissioning of Switches & Socket of Approved including appropriate size outlet box of 16 WG MS sheet recessed in wall, column all respect & As per Instruction of Engineer in Charge as per following details.		
96	Supply at site, installation, testing and commissioning of Four gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects.	10	EACH
97	Supply at site, installation, testing and commissioning of Six gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects.	10	EACH
98	Supply at site, installation, testing and commissioning of the Eight gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects.	10	EACH
99	Supply at site, installation, testing and commissioning of 3 pin switched socket unit 13/15 Amps, 250Volts, round pin including appropriate size MS, powder coated back box, complete in all respects.	40	EACH
100	Supply at site, installation, testing and commissioning of 3 pin switched socket unit 20 Amps, 250 Volts, round pin including appropriate size MS, powder coated back box, complete in all respects.	10	EACH
101	Supply, Installation, connecting, testing & commissioning of Floor mounted following submain distribution board SMDB (Block 7-11)	2	EACH
102	Supply, Installation, connecting, testing & commissioning of Floor mounted following submain distribution board SMDB (Block 7-11) as required for lighting, power & HVAC as per revise: single line diagram, complete with all metering with indication lamps complete in all respects	1	EACH
103	Supply at site, installation, testing and commissioning of Fan Dimmer with switch/MS, powder coated back box with all associated accessories, complete in all respects.	20	EACH
104	EARTHING SYSTEM		
105	Providing & fixing of Plate type Earthing compressed with execveted hole 6"up 63 feet, GI pipe 2"(50mm) with Tees, Sockets, Endcap of 60 (RFT) Copper Plate of 1/2"x 2"x 48", 2x 70mmsq S/Core copper bare conductor 125 (RFT) Earth Connection Point of 1200 x 50 x 50mm (L x W x T) Inspection Pit of 300 x 300 x 450 mm (L x W x D) completed with all respect	2	JOB
106	Construction of water tight brick type Grounding inspection pit.	2	EACH
107	Furnish & Install of Volt: meter up to 500 volt.	1	NO
108	Furnish & Install of AMP meter up to 100 Amps	1	NO
109	Supply and Erection of INVERTER BASED SPLIT AC (01 Ton) (For Office)	2	NO
110	EXTERNAL ELECTRIFICATION		
111	Supply & erection of HT pole 36' High (Spun Type)	5	NO
112	Supply & stringing of ACSR Dog Conductor	600	M
113	Supply & erection of 11 KV Disc Insulator	12	EACH
114	Supply & erection of 11 KV Pin Insulator	15	EACH
115	Supply & erection of 11 KV pin for Steel-x-arm Supply & erection of Spool Insulator	18 6	EACH EACH

117	Supply & erection of 25 KVA, 11/0.4 KV Transformer	1	NO
118	Supply & erection of Steel-X-Arm with braces	.6	EACH
119	Supply & erection of Steel-x-Arm / D-Fitting	1	EACH
120	Supply & erection of Stay set Complete	2	EACH
121	Supply & erection of Stay Wire	25	KG
122	Supply & erection of Eye Nut	12	EACH
123	Supply & erection of Earth Rod	7	EACH
124	Supply & erection of Earthing wire GSL 6 mm	40	KG
125	WALL LIGHT Supply, Installation, Testing and Commissioning of Wall/Surface Mounted LED Light 8-10 Watt,3000K, CRI>=80, PF 0.9 SDCM=<3 UGR< 19, 90-100 lm/watt, IP-65, IK-08 Complete in all Respects or As per Instruction of Engineer In Charge.	40	EACH
126	HANGING DOWN LIGHT (For Hall) Supply, Installation, Testing and Commissioning of Hanging Type LED Light 16- 18 Watt,4000K, CRI>=80, PF 0.9 SDCM=<3 UGR< 19, 90-100 Im/watt, IP-44, IK-06 with appealingly well looking hanging arrangement for a ceiling height of 35-40 Feet, Complete in all Respects & As per Instruction of Engineer In Charge.	20	EACH
127	SPOT/FOCUS LIGHT (For Illumination of Exterior of the Museum) Supply, Installation, Testing and Commissioning of LED Spot/Focus or wall washer type Light 18-20 Watt,2700K, CRI>=80,PF 0.9 SDCM=<3 UGR< 19, 90-100 lm/watt, IP-65, IK-08 Complete in all Respects or as per Instruction of Engineer In Charge.	80	EACH
128	HANGING DOWN LIGHT (For Veranda) Supply, Installation, Testing and Commissioning of Hanging Type LED Light 8- 10 Watt,4000K, CRI>=80, PF 0.9 SDCM=<3 UGR< 19, 90-100 lm/watt, IP-65, IK-06 with appealingly well looking hanging arrangement for a ceiling height of 15 Feet, Complete in all Respects & As per Instruction of Engineer In Charge.	30	EACH
129	Supply and installation, testing and commissioning of INVERTER BASED Floor standing/tower type AC (02 Ton), Complete in all respect & as per instruction of the Engineer In charge	4	EACH
130	If external Electrification work executed by PESCO, then the following item PESCO & Contractor	shall be applie	ed for payment to
131	Provision of WAPDA Connection: The contractor shall be responsible for design, approval (if required) from PESCO/WAPDA, NOC (required from any department), approval of case file for & Supply at site, execution, testing, commissioning of 25 KVA 11/0.4 KV Transformer, 11 KV over head network (including H.T/L.T Poles, cross arms, conductor, insulators, nut, bolt, hardware, earthing rod etc) for the D.I Khan Museum, and all associated work shall be included in the contractor's scope. contractor shall be responsible for correspondence/coordination with WAPDA/PESCO/Electrical Inspector and any other authority on behalf of client for complete survey, design of HT/LT component required for the project. Note: The total amount for this item is a provisional sum for the WAPDA/PESCO connection head & Payment for this item shall be made by the PMU KITE as per DN issued by PESCO/WAPDA and an amount of 12% shall be paid to the contractor on the total amount Paid to PESCO (as per Demand Notice) for his services logistic & technical support of PESCO Connection.	1	PROVISIONAL SUM

Works Requirements / Specifications 2. CIVIL WORKS AT HUND MUSEUM.

Item No	Description of work	Quantity	Unit
1	Repair to Crack of Brick Wall by Grouting mixture of Cement lime and interplast-Z with Cement Gun including cutting the chase of required Size	321	RFT
2	Mosaic dado or skirting complete as per specs Using grey cement: 3/8" thick	2,120	SFT
3	Supply, Installation, connecting, testing & commissioning of Floor mounted following submain distribution board SMDB (Block 7-11)	2	EACH
4	Supply, Installation, connecting, testing & commissioning of Floor mounted following submain distribution board SMDB (Block 7-11) as required for lighting, power & HVAC as per revise: single line diagram, complete with all metering with indication lamps complete in all respects	1	EACH
5	Supply and Erection of AC ENERGY EFFICIENT LED LIGHT BULBS (16-20 W)	60	EACH
6	supply and Erection MS conduit pipe for wiring purpose comp. Recessed in walls including chase etc.: 1/2" i/d	300	М
7	supply and Erection MS conduit pipe for wiring purpose comp. Recessed in walls including chase etc.: 3/4" i/d	250	M
8	supply and Erection MS conduit pipe for wiring purpose comp. Recessed in walls including chase etc.: 1" i/d	250	М
9	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable: 3/0.029"	450	M
10	Supply & Erection of Spot light 120 /150 watt complete in all aspects	80	EACH
11	Supply & Erection of candle flood light 150 watt complete in all aspects	15	EACH
12	Supply and Erection garden-light fitting with porcelain holder 125 W mercury vapour lamp & choke: 18" Dia	20	EACH
13	Preparing surface & painting with snowcem / weather shield paint: 2nd & subsequent coats	10,000	SFT
14	Small iron work, such as gusset plates, knees, bends, stirrups, straps, rings etc. including erection	1	TON
15	Post anti Termite Treatment in the building mixed with water of mixing ratio as per the manufacturer's certified manual including boreholes as specified	1,225.13	SFT
16	Scraping rust from old rails or girders	2,892	SFT
17	Providing and installing Stainless Steel Strainer of approved make \ quality in tubewell bore hole, including socket, special sockets, studs etc. complete as per specification: -8" (200 mm) Nominal Pipe Size (NPS) 3/16" (5mm) thick	20	RFT
18	Providing and Fixing of Submersible pump with motor for pressure pump1.5 HP	1	NO
19	Masonry with Facing/Special Bricks in cement sand mortar 1:2 upto 10 ft. height (4-1/2" thick)	1,320	CFT
20	Dismantling: Plain Cement Concrete 1:2:4	112	CFT
21	1st class Pacca brick work in ground floor lime, Surkhi mortar. 1:3	3,100	CFT
22	Plain wood work sawn, wrought, planed & fixed in position, including nails & screws: Deodar wood	10	CFT
23	Provide, lay, water & ram brick ballast 1.5" to 2" Guage mixed with 25% sand for floor foundations	201.50	CFT
24	First class deodar wood wrought joinery in doors and windows etc. complete: 1.5" thick,	122	SFT
25	Deodar wood doors framed with braces & 22 SWG GI sheet facing on one side complete	210	SFT
26	Glazing with plate glass 6 mm thick including cost of deodar wood fillet & putty: Upto 0.75 m2	122.33	SFT
27	Providing and fixing grating in opening including fixing at site with flat iron $2"x 3/8"$ and $3/4"$ round bars at $4"$ center to center.	100	SFT
28	Provide & fix GI wire gauze 22 SWG, 12x12 mesh per sq. in, fixed to steel window complete	102	SFT

29	P/F brass spring hinges to wire gauzed door.	150	EACI
30	Providing and fixing sliding bolt to doors Iron sliding bolts: 10" long	387.75	EACI
31	Carriage of 100 CFT/5 tons of all materials, by truck or other means from 50m to 10km.	252.58	CFT
32	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	195.75	CFT
33	Brick tiles (12"x6"x2") laid in 1:6 c/s mortar, over a bed of 3/4" thick c/s mortar 1:6	112.75	SF7
34	Prepare & Paint new surface, doors & windows Priming coat & three coat	220.25	SF7
35	Providing and Fixing of Ceramic Tiles 12"×24" of Imported Approved Quality with jointing and finishing	210	
36	Flat sheet roof with GI plain sheets, including batten rolls, screws, clips etc.: 22 BWG	90	SFT
37	Priming coat of chalk under distemper and three coat of Distempering.	133	SF7
38	Lime pointing flush upto 20' height, including racking joints in lime sand mortar 1:2	200	SF7
39	Preparing surface & painting with snowcem / weather shield paint: 2nd & subsequent coats	10,000	SF7
40	Post anti Termite Treatment in the building mixed with water of mixing ratio as per the manufacturer's certified manual including boreholes as specified	16,864	SF7
41	Cast iron rain water down pipe fixed in position excluding heads & shoes: 4" Dia	750	RFT
42	French polishing complete: On old work	4,001.30	SFT
43	Scraping rust from old rails or girders	2,892	SFT
44	Providing and installing Stainless Steel Strainer of approved make \ quality in tubewell bore hole, including socket, special sockets, studs etc. complete as per specification: -8" (200 mm) Nominal Pipe Size (NPS) 3/16" (5mm) thick	20	RFT
45	Masonry with Facing/Special Bricks in cement sand mortar 1:2 upto 10 ft. height (4-1/2" thick)	920	CFT
46	Providing & fixing chromium plated double bib-cock with Muslim Shower of approved quality Complete is all respects.	2	EAC
47	Dismantling 1st class tile roofing	120	SF7
48	Providing and fixing in position Gas water Geyser with fittings including thermostat, safety valve etc.: - 50 Gallon Best Quality	1	EAC
49	Providing & Fixing of SHOWER SET locally made complete with concealed T-STOP COCK for cold and hot water supply with mixer, swivel shower rose, long bib cock etc Complete in all respect	2	EACI
50	Providing and fixing stainless steel ball float valve of approved quality: 1/2" (13 mm) Dia	4	EAC
51	Providing and Fixing Best Quality Wall Shower Set 671/73 C. P	2	EAC
52	Providing and fitting glazed earthenware water closet (WC), squatter type (orisa pattern) combined with foot rest. complete in all respects: White	2	EAC
53	Providing and fixing chromium plated (CP) double bib cock, heavy duty of approved quality: 1.5 cm (1/2")	12	EAC
54	Earth excavation in open cut upto 1.5m depth for drains etc. & disposal: in Ordinary Soil	12	CFT
55	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	120	CFT
56	Making and fixing grating in opening, including fixing at site with flat iron 2"x3/8" and 3/4" sq. bars	312.75	SFT
57	erection and removal of Form work with Steel Surface finishing for RCC or Plain cement Concrete in any shape - Position / Vertical	70	SFT
58	Supply and Erection Sahl wood strip batten for wiring complete 1"	761.96	M
59	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc: 1.5" i/d	457.18	M
60	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc: 2.5" i/d	182.87	М
61	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable: 7/0.044"	1,018	М
62	Main DB Supply and Erection enclosed switch of Bakelite DP (China) 15/30 Amp. fixed on wooden board complete	1	EACI
63	Supply and Erection Sahl wood board, 1.75" deep: 4"x4"	81	EACH
64	Supply and Erection Sahl wood board, 1.75" deep: 7"x4"	38	EACH

65	Supply and Erection Sahl wood board, 1.75" deep:10"x12"	25	EACH
66	Supply and Erection 3 pin switch & plug combined recessed type: 5 Amp	232	EACH
67	Supply and Erection circuit breaker (imported) on sahl wood board complete: 2/5/15 Amp	27	EACH
68	Supply and Erection Trans power auto circuit breaker 3-phase, 400V fungus moisture proofing: 100 Amp.	1	EACI
69	Supply and Erection best quality exhaust fan complete with shutter & regulator: 12"sweep	20	EACH
70	Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator: 56" sweep	15	EACH
71	Supply and Erection of AC Energy Efficient Led Light Bulbs (21-30 W)	20	EACH
72	Supply, Installation, connecting, testing & commissioning of Floor mounted following submain distribution board SMDB (Block 7-11)	2	EACH
73	Supply, Installation, connecting, testing & commissioning of Floor mounted following submain distribution board SMDB (Block 7-11) as required for lighting, power & HVAC as per revise: single line diagram, complete with all metering with indication lamps complete in all respects	1	EACH
74	Supply and Erection of AC Energy Efficient Led Light Bulbs (16-20 W)	60	EACH
75	supply and Erection MS conduit pipe for wiring purpose comp. Recessed in walls including chase etc.: 1/2" i/d	300	M
76	supply and Erection MS conduit pipe for wiring purpose comp. Recessed in walls including chase etc.: 3/4" i/d	250	M
77	supply and Erection MS conduit pipe for wiring purpose comp. Recessed in walls including chase etc.: 1" i/d	250	M
78	supply and Erection single core PVC insulated copper conductor 250/440 V grade cable: 7/0.029"	410	M
79	supply and Erection single core PVC insulated copper conductor 250/440 V grade cable: 7/0.044"	410	M
80	Supply & Erection of Spot light 120 /150 watt complete in all aspects	80	EACH
81	supply & Erection of candle flood light 150 watt complete in all aspects	15	EACH
82	supply and Erection garden-light fitting with porcelain holder 125 W mercury vapor lamp & choke: 18" Dia	20	EACH

Works Requirements / Specifications 3. CIVIL WORKS AT ABBOTTABAD MUSEUM

Item No	Description of work	Quantity	Unit
1	Repair to Crack of Brick Wall by Grouting mixture of Cement lime and interplast-Z with Cement Gun including cutting the chase of required Size	321	RFT
2	Mosaic dado or skirting complete as per specs Using grey cement: 3/8" thick	2,120	SFT
3	Dismantling: Plain Cement Concrete 1:2:4	112	CFT
4	1st class Pacca brick work in ground floor lime, Surkhi mortar. 1:3	3,100	CFT
5	Plain wood work sawn, wrought, planed & fixed in position, including nails & screws: Deodar wood	10	CFT
6	Provide, lay, water & ram brick ballast 1.5" to 2" Guage mixed with 25% sand for floor foundations	201.50	CFT
7	First class deodar wood wrought joinery in doors and windows etc. complete: 1.5" thick,	122	SFT
8	Deodar wood doors framed with braces & 22 SWG GI sheet facing on one side complete	210	SFT
9	Glazing with plate glass 6 mm thick including cost of deodar wood fillet & putty: Upto 0.75 m2	122.33	SFT
10	Providing and fixing grating in opening including fixing at site with flat iron $2''x 3/8''$ and $3/4''$ round bars at $4''$ center to center.	100	SFT
11	Provide & fix GI wire gauze 22 SWG, 12x12 mesh per sq. in, fixed to steel window complete	102	SFT
12	P/F brass spring hinges to wire gauzed door.	150	EAC
13	Providing and fixing sliding bolt to doors Iron sliding bolts: 10" long	387.75	EACI
14	Carriage of 100 cft $/$ 5 tons of all materials, by truck or other means from 50m to 10 km.	252.58	CFT
15	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	195.75	CFT
16	Brick tiles (12"x6"x2") laid in 1:6 c/s mortar, over a bed of 3/4" thick c/s mortar 1:6	112.75	SFT
17	Prepare & Paint new surface, doors & windows Priming coat & three coat	220.25	SFT
18	Providing and Fixing of Ceramic Tiles 12"×24" of Imported Approved Quality with jointing and finishing	210	
19	Flat sheet roof with GI plain sheets, including batten rolls, screws, clips etc.: 22 BWG	90	SFT
20	Priming coat of chalk under distemper and three coat of Distempering.	133	SFT
21	Lime pointing flush upto 20' height, including racking joints in lime sand mortar 1:2	200	SFT
22	Preparing surface & painting with snowcem / weather shield paint: 2nd & subsequent coats	10,000	SFT
23	Small iron work, such as gusset plates, knees, bends, stirrups, straps, rings etc. including erection	1	TON
24	Post anti Termite Treatment in the building mixed with water of mixing ratio as per the manufacturer's certified manual including boreholes as specified	16,864	SFT
25	Cast iron rain water down pipe fixed in position excluding heads & shoes: 4" Dia	750	RFT
26	French polishing complete: On old work	4,001.30	SFT
27	Scraping rust from old rails or girders	2,892	SFT
28	Providing and installing Stainless Steel Strainer of approved make \ quality in tubewell bore hole, including socket, special sockets, studs etc. complete as per specification: -8" (200 mm) Nominal Pipe Size (NPS) 3/16" (5mm) thick	20	RFT

29	Providing and Fixing of Submersible pump with motor for pressure pump1.5 HP	1	NO
30	Masonry with Facing/Special Bricks in cement sand mortar 1:2 upto 10 ft. height (4-1/2" thick)	920	CFT
31	Providing and Fixing angle iron railing with MS Pipe 2" Dia at top and at Mid-height, using 2.5"x2.5"x3/8" angle iron post 4.5' long, 5" to 6"apart, complete	460	RFT
32	Providing & fixing chromium plated double bib-cock with Muslim Shower of approved quality Complete is all respects.	2	EACH
33	Dismantling 1st class tile roofing	120	SFT
34	Providing and fixing in position Gas water Geyser with fittings including thermostat, safety valve etc.: - 50 Gallon Best Quality	1	EACH
35	Supplying and Fixing Polyethylene Water Tank made from food grade FDA Certified raw material, 3 layers UV stabilized, inert with water, anti-fungus and anti-bacterial and have a service life of more than 10 years: 1000 gallons (Vertical)	1	EACI
36	Providing & Fixing of SHOWER SET locally made complete with concealed T-STOP COCK for cold and hot water supply with mixer, swivel shower rose, long bib cock etc Complete in all respect	2	EACH
37	Providing and fixing stainless steel ball float valve of approved quality: 1/2" (13 mm) Dia	4	EACI
38	Providing and Fixing Best Quality Wall Shower Set 671/73 C.P	2	EACI
39	Providing and fitting glazed earthenware water closet (WC), squatter type (orisa pattern) combined with foot rest. complete in all respects: White	2	EACI
40	Providing and Fixing of Submersible pump with motor for pressure pump 1.5 HP	1	EACI
41	Providing and fixing chromium plated (CP) double bib cock, heavy duty of approved quality: 1.5 cm (1/2")	12	EACI
42	Earth excavation in open cut upto 1.5m depth for drains etc & disposal: in Ordinary Soil	12	CFT
43	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	120	CFT
44	Making and fixing grating in opening, including fixing at site with flat iron 2"x3/8" and 3/4" sq. bars	312.75	SFT
45	erection and removal of Form work with Steel Surface Fishing for RCC or Plain cement Concrete in any shape - Position / Vertical	70	SFT
46	Supply and Erection Sahl wood strip batten for wiring complete 1"	761.96	M
47	Supply and Erection Sahl wood strip batten for wiring complete 3/4"	457.18	M
48	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc.: 2.5" i/d	457.18	М
49	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc.: 1.5" i/d	182.87	M
50	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable: 3/0.029"	1,176.5	М
51	Main DB Supply and Erection enclosed switch of Bakelite DP (China) 15/30 Amp. fixed on wooden board complete	1	EACI
52	Supply and Erection Sahl wood board, 1.75" deep: 4"x4"	81	EACI
53	Supply and Erection Sahl wood board, 1.75" deep: 7"x4"	38	EACI
54	Supply and Erection Sahl wood board, 1.75" deep :10"x12"	25	EACH
55	Supply and Erection 3 pin switch & plug combined recessed type: 5 Amp	232	EACI

56	Supply and Erection circuit breaker (imported) on sahl wood board complete: 2/5/15 Amp	27	EACH
57	Supply and Erection circuit breaker (imported) on sahl wood board complete: 2/5/15 Amp	28	EACH
58	Supply and Erection Trans power auto circuit breaker 3-phase, 400V fungus moisture proofing: 100 Amp.	1	EACH
59	Supply and Erection best quality exhaust fan complete with shutter & regulator: 12"sweep	20	EACH
60	Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator: 56" sweep	15	EACH
61	Supply and Erection of AC energy efficient led light bulbs (21-30 W)	20	EACH
62	Supply, Installation, connecting, testing & commissioning of Floor mounted following submain distribution board SMDB (Block 7-11)	2	EACH
63	Supply, Installation, connecting, testing & commissioning of Floor mounted following submain distribution board SMDB (Block 7-11) as required for lighting, power & HVAC as per revise: single line diagram, complete with all earthing with indication lamps complete in all respects	1	EACH
64	Supply and Erection of AC energy efficient led light bulbs (16-20 W)	60	EACH
65	supply and Erection MS conduit pipe for wiring purpose comp. Recessed in walls including chase etc.: 1/2" i/d	300	M
66	supply and Erection MS conduit pipe for wiring purpose comp. Recessed in walls including chase etc.: 3/4" i/d	250	M
67	supply and Erection MS conduit pipe for wiring purpose comp. Recessed in walls including chase etc.: 1" i/d	250	M
68	supply and Erection single core PVC insulated copper conductor 250/440 V grade cable: 7/0.029"	410	M
69	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable: 7/0.044"	410	M
70	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable: 3/0.029"	450	M
71	Supply & Erection of Spot light 120 /150 watt complete in all aspects	80	EACH
72	supply & Erection of candle flood light 150 watt complete in all aspects	15	EACH
73	supply and Erection garden-light fitting with porcelain holder 125 W mercury vapor lamp & choke: 18" Dia	20	EACH
74	Supply and Erection of AC ENERGY EFFICIENT LED LIGHT BULBS (16-20 W)	40	EACH

ANNEX 2: Quotation Forms

Contractor Quotation Form

From:	[Insert Contractor's name; in case of a joint venture, specify the name of the joint venture]
Contractor's Representative:	[Insert name of Contractor's Representative]
Title/Position:	[Insert Representatives title or position]
Address:	[Insert Contractor's address]
Email:	[Insert Contractor's email address]

To:	Project Director
Department:	Khyber Pakhtunkhwa Integrated Tourism Development Project (KITE) Department of Tourism (DoT) Govt. of Khyber Pakhtunkhwa.
Address:	House No. 20, Syed Jamal Uddin Afghani Road, University Town Peshawar, Khyber Pakhtunkhwa Pakistan
RFQ Ref No.:	PK-KP DOT-471864-CW-RFQ
Date of Quotation:	May 19, 2025

SUBMISSION OF QUOTATION

1. Conformity and No Reservations

In response to the above named RFQ, we offer to execute the Works as per this Quotation and in conformity with the RFQ, Delivery and Completion Schedules and Technical Specifications. We confirm that we have examined and have no reservations to the RFQ, including the Contract.

2. Eligibility

We meet the eligibility requirements and have no conflict of interest, in accordance with the Request for Quotations.

3. Suspension and Debarment

We, along with any of our subcontractors, suppliers, consultants, manufacturers, or service providers for any part of the contract, are not subject to, and not controlled by any entity or individual that is subject to, a temporary suspension or a debarment imposed by the World Bank Group or a debarment imposed by the World Bank Group in accordance with the Agreement for Mutual Enforcement of Debarment Decisions between the World Bank and other development banks. Further, we are not ineligible under the Employer's Country laws or official regulations or pursuant to a decision of the United Nations Security Council.

4. Quotation Price

The total price of our offer is: *[insert the total quotedf price in words and figures, indicating the various amounts and the respective currencies]*;

5. Quotation Validity

Our Quotation shall be valid until the date specified in the RFQ, and it shall remain binding upon us and may be accepted at any time before it expires.

6. Performance Security

If we are awarded the Contract, we commit to obtain a Performance Security in accordance with the RFQ.

7. Commissions, gratuities, fees

We have paid, or will pay the following commissions, gratuities, or fees with respect to this Quotation

[If none has been paid or is to be paid, indicate "none."]

Name of Recipient	Address	Reason	Amount

8. Not Bound to Accept

We understand that you reserve the right to:

- **a.** accept or reject any Quotation and are not bound to accept the lowest evaluated cost Quotation, or any other Quotation that you may receive, and
- **b.** annul the RFQ process at any time prior to the award of the Contract without incurring any liability to Contractors.

9. Fraud and Corruption

We hereby certify that we have taken steps to ensure that no person acting for us, or on our behalf, engages in any type of Fraud and Corruption.

On behalf of the Contractor:

Name of the person duly authorized to sign the Quotation on behalf of the Contractor: [insert complete name of person duly authorized to sign the Quotation] *

Title of the person signing the Quotation: <u>finsert complete title of the person signing the Quotation!</u>
Signature of the person named above: <u>finsert signature of person whose name and capacity are shown above!</u>

Date signed [insert date of signing] day of [insert month], [insert year]

*The power of attorney shall be attached to the Quotation.



Schedules
Bill of Quantities-01

"Lot-3 Small Work at D.I Khan Museum for Supply and Installation of Specialized Museum Showcases"
Quotation for Small Works: Price Schedule

Item No	Item No Description of work	Quantity (1)	Unit	Unit Rate [insert local currency] (2)	Total Amount $(3=(1) \times (2))$
I	Clearance of site by cutting, removing all shrubs, trees, upto 6 inches (152 mm) girth, etc.	2,120	SFT		
2	Repair to Crack of Brick Wall by Grouting mixture of Cement lime and interplast- Z with Cement Gun including cutting the chase of required Size	320.75	SFT		
3	Mosaic dado or skirting complete as per specs Using grey cement: 3/8" thick	223.50	SFT		
4	Dismantling Mud concrete.	1,250	CFT		
5	Dismantling brick work in lime or Cement mortar.	310.25	CFT		
9	Dismantling 2nd class tile roofing.	927	SFT		
7	Dismantling roof of wooden battens from any height.	401	SFT		
8	Removing/Scraping mud plaster carefully from wall as per instruction of Engineer in charge. (100sft)	120.50	SFT		
6	scraping: White wash or colour wash	210	SFT		
10	Dismantling: Plain Cement Concrete 1:2:4	112	CFT		
11	1st class Pacca brick work in ground floor lime, Surkhi mortar. 1:3	120	CFT		
12	Plain wood work sawn, wrought, planed & fixed in position, including nails & screws: Deodar wood	410	CFT		
13	First class tile roofing including earth, mud plaster, gobri leaping, cement plaster etc complete	70	SFT		
14	Provide, lay, water & ram brick ballast 1.5" to 2" gauge mixed with 25% sand for floor foundations	201.50	CFT		
15	First class deodar wood wrought joinery in doors and windows etc. complete: 1.5" thick,	122	SFT		
91	Deodar wood doors framed with braces & 22 SWG GI sheet facing on one side complete	210	SFT		
17	Glazing with plate glass 6 mm thick including cost of deodar wood fillet & putty: Upto 0.75 m2	122.33	SFT		
18	Providing and fixing grating in opening including fixing at site with flat iron 2" x 3/8" and 3/4" round bars at 4" center to center.	100	SFT		
61	Provide & fix GI wire gauze 22 SWG, 12x12 mesh per sq. in, fixed to steel window complete	102	SFT		
20	P/F brass spring hinges to wire gauzed door.	150	EACH		

21	Providing and fixing sliding bolt to doors Iron sliding bolts: 10" long	387.75	EACH	
22	Carriage of 100 cft / 5 tonne of all materials, by truck or other means from 50m to 10 km.	252.58	CFT	
23	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	195.75	CFT	
24	Brick tiles (12"x6"x2") laid in 1:6 c/s mortar, over a bed of 3/4" thick c/s mortar 1:6	112.75	SFT	
25	Prepare & Paint new surface, doors & windows Priming coat & three coat	220.25	SFT	
26	Providing and Fixing of Ceramic Tiles 12"×24" of Imported Approved Best Quality with jointing and finishing	2,750	SFT	
27	Flat sheet roof with GI plain sheets, including batten rolls, screws, clips etc: 22 BWG	06	SFT	
28	Priming coat of chalk under distemper and three coat of Distempering.	133	SFT	
29	Lime pointing flush upto 20' height, including racking joints in lime sand mortar 1:2	200	SFT	
30	Preparing surface & painting with snowcem / weather shield paint: 2nd & subsequent coats	10,000	SFT	
31	Small iron work, such as gusset plates, knees, bends, stirrups, straps, rings etc including erection	1	TON	
32	Post anti Termite Treatment in the building mixed with water of mixing ratio as per the manufacturer's certified manual including boreholes as specified	16,864	SFT	
33	Cast iron rain water down pipe fixed in position excluding heads & shoes: 4" Dia	750	RFT	
34	French polishing complete: On old work	4,001.30	SFT	
35	Scraping rust from old rails or girders	2,892	SFT	
36	Drilling of Bore holes for tube well in all types of soil and soft rock except hard rock from ground level upto 328 ft depth (0m to 100m), including sinking, collection of 100 % coring's and withdrawing of pipe, complete as per specifications.: Dia of Bore 6" (150 mm) i/d	150	RFT	
37	Providing and installing PVC blind pipe BSS Class "C" in Tube Well Bore Hole including Sockets and Solvents and jointing with strainer etc. complete: 6" Nominal Pipe Size (NPS) (200 mm)	150	RFT	
38	Providing and installing Stainless Steel Strainer of approved make \ quality in tubewell bore hole, including socket, special sockets, studs etc. complete as per specification: -8" (200 mm) Nominal Pipe Size (NPS) 3/16" (5mm) thick	20	RFT	
39	Providing and Fixing of Submersible pump with motor for pressure pump1.5 HP	1	ON	
40	Masonry with Facing/Special Bricks in cement sand mortar 1:2 upto 10 ft. height (4-1/2" thick)	920	CFT	
41	Providing and Fixing angle iron railing with MS Pipe 2" dia at top and at Midheight, using 2.5"x2.5"x3/8" angle iron post 4.5' long, 5" to 6"apart, complete	460	RFT	
42	Providing & fixing chromium plated double bib-cock with Muslim Shower of approved quality Complete is all respects.	2	EACH	

SFT	RFT	EACH	EACH	ЕАСН	EACH	EACH	ЕАСН	EACH		CFT	CFT	SFT	SFT	SFT	CFT	SFT	SFT	Σ	M	Σ	Σ
120	820	1	-	2	4	2	2	12		7,470	006	009	1,200	12,000	12,000	12,000	1,920	500	200	009	150
	and Fixing of Bath Room Tiles	Providing and fixing in position Gas water Geyser with fittings including thermostat, safety valve etc 50 Gallon Best Quality	Supplying and Fixing Polyethylene Water Tank made from food grade FDA Certified raw material, 3 layers UV stabilized, inert with water, anti-fungus and anti-bacterial and have a service life of more than 10 years: 1000 gallons (Vertical)	Providing & Fixing of SHOWER SET locally made complete with concealed T-STOP COCK for cold and hot water supply with mixer, swivel shower rose, long bib cock etc Complete in all respect	Providing and fixing stainless steel ball float valve of approved quality: 1/2" (13 mm) Dia	Providing and Fixing Best Quality Wall Shower Set 671/73 C. P		Providing and fixing chromium plated (CP) doublebib cock, heavy duty of approved quality: 1.5 cm(1/2")	Drain	Earth excavation in open cut upto 1.5m depth for drains etc & disposal: in Ordinary Soil	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	Making and fixing grating in opening, including fixing at site with flat iron 2"x3/8" and 3/4" sq. Bars	erection and removal of Form work with Steel Surface Finishing for RCC or Plain cement Concrete in any shape - Position / Vertical	Leveling dressing and making lawn	Earth fills in lawns including dressing & compaction with suitable earth borrowed.	Turfing of lawn with Dacca Grass	first class brick tiles clad by laying tiles in stretcher course, in cement sand mortar 1:4	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc: 3/4" i/d	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc: 1" i/d	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc: 1.25" i/d	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc: 1.5" i/d
43	44	45	46	47	48	46	50	51	52	53	54	55	56	57	58	59	09	62	63	64	65

	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc: 2" i/d Sumply and Frection PVC nine for wiring number complete Recessed in walls	50	M
	and Erection FVC pipe for wiring purpose complete ig chase etc:3" i/d	700	M
	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc: 4" i/d	50	M
	Supply and Erection Sahl wood strip batten for wiring complete 1/2"	500	M
	Supply and Erection Sahl wood strip batten for wiring complete 3/4"	200	M
	Supply and Erection Sahl wood strip batten for wiring complete 1"	200	M
	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable: 3/0.029" 1/2" i/d (1.5 mm2)	1,800	M
	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable: 7/0.029" (2.5 mm2)	3,000	M
	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable: 7/0.036" (4 mm2)	1,500	M
	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable: 7/0.044" (6 mm2)	1,800	M
_	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable: 7/0.064" (16 mm2)	150	M
	Supply an Erection of Ceiling Fans, Bracket Fans, Exhaust Fans Approved Brands complete in all respects as ner Instruction of Engineer In charge.	ds complete	in all respects as
	Note:		
	The below are generalized specifications for Fans, for selection of the shap/model & outer look of the Fans, suitable for the architecture & aesthetic view of the site the contractor shall be bound to submit samples not less then 03 for approval of the Engineer/PMU.	& outer lo	ok of the Fans, mit samples not
	Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator: 56" sweep	20	ЕАСН
	Below item is proposed as additional item to the ceiling Fan and is recommended to be installed on the wall above each show Case, However, Final Decision shall made by the Engineer and PMU at the time of installation	ed to be ins er and PM	talled on the wall U at the time of
	Supply and fixing of 24" Dia Direct axial Wall Bracket fan,1450Rpm, Max 50db sound level Fan shall be made with 99% purity Copper windings	25	EACH
	Supply & Erection of Transpower auto circuit breaker 3-phase / 1- phase 400V Approved Brands complete in all respects as per Instruction of Engineer In charge. Payment shall be made on the actual Quantities installed at site.	Approved B	rands complete in uantities installed
	Supply and Erection Transpower auto circuit breaker 3-phase, 400V fungus moisture proofing: 30 Amp.	-	ЕАСН
	Supply and Erection Transpower auto circuit breaker 3-phase, 400V fungus moisture proofing: 60 Amp.	_	EACH

ЕАСН	EACH	EACH	EACH	ЕАСН	SFT	EACH	ЕАСН	It grad Approved ation tags and nut Il respects as per	RMTR	nds, Switches & nn, partition wall lis.	ЕАСН	ЕАСН	ЕАСН	EACH	ЕАСН
1	50	10	10	30	15	8	∞	500/1000 Vo des identific mplete in a	150	proved Bra n wall, colur llowing deta	10	10	10	40	10
Supply and Erection Transpower auto circuit breaker 3-phase, 400V fungus moisture proofing: 100 Amp.	Supply and Erection single phase imported auto circuit breaker 6 Amp.	Supply and Erection single phase imported auto circuit breaker 15 Amp.	Supply and Erection single phase imported auto circuit breaker 20 Amp.	Supply and Erection of bus bars 500 volts 3 phase AC supply with 4 copper bars - 100 Amp with bar size1 1 1/2" X 1/8"	Supply and Erection cubical type factory fabricated floor/wall mounting steel main board comp.: Recessed	Supply and Fixing SMD Type LED Road light Fixture (60-70 watts)	Supply and Erection Street light pole bracket 1.25" GI pipe 2m. long, complete with 2 pole clamps	Supply an Erection of 4 core PVC insulated non armoured copper conductor 600/1000 Volt grad Approved Brands of Cables with copper Thimbles of appropriate size, all punching both sides identification tags and nut bolt. charges Payments shall be paid as per actual length installed at site complete in all respects as per Instruction of Engineer In charge.	Supply at site, installation, testing and commissioning of 4C-16 mm2 PVC insulated un-armoured copper conductor cable 600 / 1000 Volt grade (or otherwise mentioned in cable description) in prelaid conduits / trenches to be installed as per routes shown on drawings including cost of all necessary materials, connections, identification tags, cables lugs properly crimped at both ends for the following sizes complete in all respects.	Supply, installation, testing & commissioning of Switches & Socket of Approved Brands, Switches & Accessories including appropriate size outlet box of 16 WG MS sheet recessed in wall, column, partition wall etc. complete in all respect & As per Instruction of Engineer in Charge as per following details.	Supply at site, installation, testing and commissioning of Four gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects.	Supply at site, installation, testing and commissioning of Six gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects.	Supply at site, installation, testing and commissioning of the Eight gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects.	Supply at site, installation, testing and commissioning of 3 pin switched socket unit 13/15 Amps, 250Volts, round pin including appropriate size MS, powder coated back box, complete in all respects.	Supply at site, installation, testing and commissioning of 3 pin switched socket unit 20 Amps, 250Volts, round pin including appropriate size MS, powder coated back box, complete in all respects.
84	85	98	87	88	89	06	16	92	93	95	96	76	86	66	100

EACH	ЕАСН	ЕАСН		JOB	EACH	ON	ON	ON		NO	M	EACH	EACH	EACH	EACH	ON	EACH	EACH	EACH	KG	EACH	EACH	KG			EACH	
2	1	20		2	2	1	1	2		5	009	12	15	18	9	1	9	1	2	25	12	7	40		\$	40	
Supply, Installation, connecting, testing & commissioning of Floor mounted following submain distribution board SMDB (Block 7-11)	Supply, Installation, connecting, testing & commissioning of Floor mounted following submain distribution board SMDB (Block 7-11) as required for lighting, power & HVAC as per revise: single line diagram, complete with all metering with indication lamps complete in all respects	Supply at site, installation, testing and commissioning of Fan Dimmer with switch/ MS, powder coated back box with all associated accessories, complete in all respects.	EARTHING SYSTEM	Providing & fixing of Plate type Earthing compressed with execveted hole 6"up 63 feet, GI pipe 2"(50mm) with Tees, Sockets, Endcap of 60 (RFT) Copper Plate of 1/2"x 2"x 48", 2x 70mmsq S/Core copper bare conductor 125 (RFT) Earth Connection Point of 1200 x 50 x 50mm (L x W x T) Inspection Pit of 300 x 300 x 450 mm (L x W x D) completed with all respect	Construction of water tight brick type Grounding inspection pit.	Furnish & Install of Volt: meter up to 500 volt.	Furnish & Install of AMP meter up to 100 Amps	Supply and Erection of INVERTER BASED SPLIT AC (01 Ton) (For Office)	EXTERNAL ELECTRIFICATION	Supply & erection of HT pole 36' High (Spun Type)	Supply & stringing of ACSR Dog Conductor	Supply & erection of 11 KV Disc Insulator	Supply & erection of 11 KV Pin Insulator	Supply & erection of 11 KV pin for Steel-x-arm	Supply & erection of Spool Insulator	Supply & erection of 25 KVA, 11/0.4 KV Transformer	Supply & erection of Steel-X-Arm with braces	Supply & erection of Steel-x-Arm / D-Fitting	Supply & erection of Stay set Complete	Supply & erection of Stay Wire	Supply & erection of Eye Nut	Supply & erection of Earth Rod	Supply & erection of Earthing wire GSL 6 mm	WALL LIGHT		Light 8-10 Watt,5000K, CKI>=80, PF 0.9 SDCM=<5	Instruction of Engineer In Charge.
101	102	103	104	105	106	107	108	109	110	1111	112	113	114	115	116	117	118	119	120	121	122	123	124		301	C71	

	ЕАСН	ЕАСН	ЕАСН	ЕАСН	ed for payment to	PROVISIONAL SUM	
	20	80	30	4	all be applie	-	KR)
HANGING DOWN LIGHT (For Holl)	Supply, Installation, Testing and Commissioning of Hanging Type LED Light 16-18 Watt,4000K, CRI>=80, PF 0.9 SDCM=<3 UGR< 19, 90-100 lm/watt, IP-44, IK-06 with appealingly well looking hanging arrangement for a ceiling height of 35-40 Feet, Complete in all Respects & As per Instruction of Engineer In Charge.	Installation, Testing and Commissioning of LED Spot/Focus or wall washer type Light 18-20 Watt,2700K, CRI>=80,PF 0.9 SDCM=<3 UGR< 19, 90-100 lm/watt, IP-65, IK-08 Complete in all Respects or as per Instruction of Engineer In Charge.	HANGING DOWN LIGHT (For Veranda) Supply, Installation, Testing and Commissioning of Hanging Type LED Light 8- 10 Watt,4000K, CRI>=80, PF 0.9 SDCM=<3 UGR< 19, 90-100 Im/watt, IP-65, IK-06 with appealingly well looking hanging arrangement for a ceiling height of 15 Feet, Complete in all Respects & As per Instruction of Engineer In Charge.	Supply and installation, testing and commissioning of INVERTER BASED Floor standing/ tower type AC (02 Ton), Complete in all respect & as per instruction of the Engineer In charge	If external Electrification work executed by PESCO, then the following item shall be applied for payment to PESCO & Contractor	Provision of WAPDA Connection: The contractor shall be responsible for design, approval (if required) from PESCO/WAPDA, NOC (required from any department), approval of case file for & Supply at site, execution, testing, commissioning of 25 KVA 11/0.4 KV Transformer, 11 KV over head network (including H.T/L.T Poles, cross arms, conductor, insulators, nut, bolt, hardware, earthing rod etc) for the D.I Khan Museum, and all associated work shall be included in the contractor's scope. contractor shall be responsible for correspondence/coordination with WAPDA/PESCO/Electrical Inspector and any other authority on behalf of client for complete survey, design of HT/LT component required for the project. Note: The total amount for this item is a provisional sum for the WAPDA/PESCO connection head & Payment for this item shall be made by the PMU KITE as per DN issued by PESCO/WAPDA and an amount of 12% shall be paid to the contractor on the total amount Paid to PESCO (as per Demand Notice) for his services logistic & technical support of PESCO Connection.	Total Price Lot-1 Civil Work D.I Khan Museum (PKR)
	126	127	128	129	130	131	

Schedules
Bill of Quantities-2
"Lot-2 Small Work at Hund Museum (Swabi) for Supply and Installation of Specialized Museum Showcases"
Quotation for Small Works: Price Schedule

Item No		Quantity	Unit	Unit Rate finsert local currencyl (2)	Total $Amount$ $(3=(1) \times (2))$
I	Repair to Crack of Brick Wall by Grouting mixture of Cement lime and interplast-Z with Cement Gun including cutting the chase of required Size	321	RFT		
2	Mosaic dado or skirting complete as per specs Using grey cement: 3/8" thick	2,120	SFT		
2	Supply, Installation, connecting, testing & commissioning of Floor mounted following submain distribution board SMDB (Block 7-11)	2	EACH		
4	Supply, Installation, connecting, testing & commissioning of Floor mounted following submain distribution board SMDB (Block 7-11) as required for lighting, power & HVAC as per revise: single line diagram, complete with all metering with indication lamps complete in all respects	I	ЕАСН		
S	Supply and Erection of AC ENERGY EFFICIENT LED LIGHT BULBS (16-20 W)	09	EACH		
9	supply and Erection MS conduit pipe for wiring purpose comp. Recessed in walls including chase etc.: 1/2" i/d	300	M		
7	supply and Erection MS conduit pipe for wiring purpose comp. Recessed in walls including chase etc.: 3/4" i/d	250	M		
8	supply and Erection MS conduit pipe for wiring purpose comp. Recessed in walls including chase etc.: 1" i/d	250	M		
6	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable: 3/0.029"	450	M		
10	Supply & Erection of Spot light 120/150 watt complete in all aspects	80	FACH		
11	Supply & Erection of candle flood light 150 watt complete in all aspects	15	EACH		
12	Supply and Erection garden-light fitting with porcelain holder 125 W mercury vapour lamp & choke: 18" Dia	20	EACH		
13	Preparing surface & painting with snowcem / weather shield paint: 2nd & subsequent coats	10,000	SFT		
14	Small iron work, such as gusset plates, knees, bends, stirrups, straps, rings etc. including erection	I	TON		
15	Post anti Termite Treatment in the building mixed with water of mixing ratio as per the manufacturer's certified manual including boreholes as specified	1,225.13	SFT		
91	Scraping rust from old rails or girders	2,892	SFT		

17	Providing and installing Stainless Steel Strainer of approved make \ quality in tubewell bore hole, including socket, special sockets, studs etc. complete as per specification: -8" (200 mm) Nominal Pipe Size (NPS) 3/16" (5mm) thick	20	RFT	
18	Providing and Fixing of Submersible pump with motor for pressure pump 1.5 HP	I	NO	
19	Masonry with Facing/Special Bricks in cement sand mortar 1:2 upto 10 ft. height (4-1/2" thick)	1,320	CFT	
20	Dismantling: Plain Cement Concrete 1:2:4	112	CFT	
21	1st class Pacca brick work in ground floor lime, Surkhi mortar. 1:3	3 100	CFT	
22	Plain wood work sawn, wrought, planed & fixed in position, including nails & screws: Deodar wood	10	CFT	
23	Provide, lay, water & ram brick ballast 1.5" to 2" Guage mixed with 25% sand for floor foundations	201.50	CFT	
24	First class deodar wood wrought joinery in doors and windows etc. complete: 1.5" thick.	122	SFT	
25	Deodar wood doors framed with braces & 22 SWG GI sheet facing on one side complete	210	SFT	
26	Glazing with plate glass 6 mm thick including cost of deodar wood fillet & putty: Upto 0.75 m2	122.33	SFT	
27	Providing and fixing grating in opening including fixing at site with flat iron $2^n \times 3/8^n$ and $3/4^n$ round bars at 4^n center to center.	100	SFT	
28	Provide & fix GI wire gauze 22 SWG, 12x12 mesh per sq. in, fixed to steel window complete	102	SFT	
29	P/F brass spring hinges to wire gauzed door.	150	EACH	
30	Providing and fixing sliding bolt to doors Iron sliding bolts: 10" long	387.75	EACH	
31	Carriage of 100 CFT / 5 tons of all materials, by truck or other means from 50m to 10km.	252.58	CFT	
32	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	195.75	CFT	
33	Brick tiles (12"x6"x2") laid in 1:6 c/s mortar, over a bed of 3/4" thick c/s mortar 1:6	112.75	SFT	
34	Prepare & Paint new surface, doors & windows Priming coat & three coat	220.25	SFT	
35	Providing and Fixing of Ceramic Tiles 12"×24" of Imported Approved Quality with jointing and finishing	210		
36	Flat sheet roof with GI plain sheets, including batten rolls, screws, clips etc.: 22 BWG	90	SFT	
37	Priming coat of chalk under distemper and three coat of Distempering.	133	SFT	
38	Lime pointing flush upto 20' height, including racking joints in lime sand mortar 1:2	200	SFT	
39	Preparing surface & painting with snowcem / weather shield paint: 2nd & subsequent coats	10,000	SFT	
40	Post anti Termite Treatment in the building mixed with water of mixing ratio as per the manufacturer's certified manual including boreholes as specified	16,864	SFT	
41	Cast iron rain water down pipe fixed in position excluding heads & shoes: 4" Dia	750	RFT	
42	French polishing complete: On old work	4,001.30	SFT	
43	Scraping rust from old rails or girders	2,892	SFT	

Providing and installing Stainless Steel Strainer of approved make quality in tubewell bore hole, including socket, special sockets, studs etc. complete as per specification: -8" 20 RFT (200 mm) Nominal Pipe Size (NPS) 3/16" (5mm) thick	Masonry with Facing/Special Bricks in cement sand mortar 1:2 upto 10 ft. height (4-1/2" 920 CFT	plated double bib-cock with Muslim Shower of approved 2 EACH sts.	fing SFT	r Geyser with fittings including thermostat, I	Providing & Fixing of SHOWER SET locally made complete with concealed T-STOP COCK for cold and hot water supply with mixer, swivel shower rose, long bib cock etc Complete in all respect	Providing and fixing stainless steel ball float valve of approved quality: 1/2" (13 mm) 4 EACH	Providing and Fixing Best Quality Wall Shower Set 671/73 C. P	(ern) 2	Providing and fixing chromium plated (CP) double bib cock, heavy duty of approved 12 EACH quality: 1.5 cm (1/2")	Earth excavation in open cut upto 1.5m depth for drains etc. & disposal: in Ordinary Soil 12 CFT	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4) 120 CFT	Making and fixing grating in opening, including fixing at site with flat iron 2"x3/8" and 312.75 SFT 3/4" sq. bars	erection and removal of Form work with Steel Surface finishing for RCC or Plain cement 70 SFT	nd strip batten for wiring complete I" 761.96	ed in walls including 457.18	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including 182.87 M chase etc : 2.5" i/d	re PVC insulated copper conductor 250/440 V grade cable: 1,018 M	Main DB Supply and Erection enclosed switch of Bakelite DP (China) 15/30 Amp. fixed I EACH	od board, 1.75" deep: 4"x4" FACH	38	
Providing and installing Stainless Steel Strainer of app bore hole, including socket, special sockets, studs etc. (200 mm) Nominal Pipe Size (NPS) 3/16" (5mm) thick	Masonry with Facing/Special thick)	Providing & fixing chromium plated quality Complete is all respects.	Dismantling 1st class tile roofing	Providing and fixing in position Gas wate safety valve etc.: - 50 Gallon Best Quality	Providing & Fixing of SHOW COCK for cold and hot water Complete in all respect	Providing and fixing stainless Dia	Providing and Fixing Best Qu	Providing and fitting glazed earthem combined with foot rest. complete in	Providing and fixing chromiu quality: 1.5 cm (1/2")	Earth excavation in open cut	Plain Cement Concrete inclue	Making and fixing grating in 3/4" sq. bars	erection and removal of Form work with Sl Concrete in any shape - Position / Vertical	Supply and Erection Sahl wood strip	Supply and Erection PVC pip chase etc: 1.5" i/d	Supply and Erection PVC pip chase etc : 2.5" i/d	Supply and Erection single core PVC 7/0.044"	Main DB Supply and Erection on wooden board complete	Supply and Erection Sahl wood board, 1.75" deep: 4"x4"	Supply and Erection Sahl wood board, 1.75" deep: 7"x4"	

EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	M	M	M	M	M	EACH	EACH	EACH	
27	I	20	15	20	2	1	09	300	250	250	410	410	80	15	20	
Supply and Erection circuit breaker (imported) on sahl wood board complete: 2/5/15 Amp	Supply and Erection Trans power auto circuit breaker 3-phase, 400V fungus moisture proofing: 100 Amp.	Supply and Erection best quality exhaust fan complete with shutter & regulator: 12"sweep	Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator: 56" sweep	Supply and Erection of AC Energy Efficient Led Light Bulbs (21-30 W)	Supply, Installation, connecting, testing & commissioning of Floor mounted following submain distribution board SMDB (Block 7-11)	Supply, Installation, connecting, testing & commissioning of Floor mounted following submain distribution board SMDB (Block 7-11) as required for lighting, power & HVAC as per revise: single line diagram, complete with all metering with indication lamps complete in all respects	Supply and Erection of AC Energy Efficient Led Light Bulbs (16-20 W)	supply and Erection MS conduit pipe for wiring purpose comp. Recessed in walls including chase etc.: 1/2" i/d	supply and Erection MS conduit pipe for wiring purpose comp. Recessed in walls including chase etc.: 3/4" i/d	supply and Erection MS conduit pipe for wiring purpose comp. Recessed in walls including chase etc.: 1" i/d	supply and Erection single core PVC insulated copper conductor 250/440 V grade cable: 7/0.029"	supply and Erection single core PVC insulated copper conductor 250/440 V grade cable: 7/0.044"	Supply & Erection of Spot light 120/150 watt complete in all aspects	supply & Erection of candle flood light 150 watt complete in all aspects	supply and Erection garden-light fitting with porcelain holder 125 W mercury vapor lamp & choke: 18" Dia	Total Price Lot-2 Hund Museum (PKR.)
29	89	69	20	7.1	72	73	74	7.5	92	77	78	62	80	81	82	

Schedules
Bill of Quantities-03
"Lot-3 Small Work at Abbottabad Museum for Supply and Installation of Specialized Museum Showcases"
Quotation for Small Works: Price Schedule

Item No	Description of work	Quantity	Unit	Unit Rate finsert local currency] (2)	Total Amount $(3=(1) x$
I	Repair to Crack of Brick Wall by Grouting mixture of Cement lime and interplast-Z with Cement Gun including cutting the chase of required Size	321	RFT		((7)
2	Mosaic dado or skirting complete as per specs Using grey cement: 3/8" thick	2,120	SFT		
3	Dismantling: Plain Cement Concrete 1:2:4	112	CFT		
4	1st class Pacca brick work in ground floor lime, Surkhi mortar. 1:3	3,100	CFT		
5	Plain wood work sawn, wrought, planed & fixed in position, including nails & screws: Deodar wood	10	CFT		
9	Provide, lay, water & ram brick ballast 1.5" to 2" Guage mixed with 25% sand for floor foundations	201.50	CFT		
7	First class deodar wood wrought joinery in doors and windows etc. complete: 1.5" thick,	122	SFT		
8	Deodar wood doors framed with braces & 22 SWG GI sheet facing on one side complete	210	SFT		
6	Glazing with plate glass 6 mm thick including cost of deodar wood fillet & putty: Upto 0.75 m2	122.33	SFT		
01	Providing and fixing grating in opening including fixing at site with flat iron $2^n \times 3/8^n$ and $3/4^n$ round bars at 4^n center to center.	100	SFT		
11	Provide & fix GI wire gauze 22 SWG, 12x12 mesh per sq. in, fixed to steel window complete	102	SFT		
12	P/F brass spring hinges to wire gauzed door.	150	EACH		
13	Providing and fixing sliding bolt to doors Iron sliding bolts: 10" long	387.75	EACH		
14	Carriage of 100 cft / 5 tons of all materials, by truck or other means from 50m to 10 km.	252.58	CFT		
15	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	195.75	CFT		
91	Brick tiles (12"x6"x2") laid in 1:6 c/s mortar, over a bed of 3/4" thick c/s mortar 1:6	112.75	SFT		
17	Prepare & Paint new surface, doors & windows Priming coat & three coat	220.25	SFT		

	SFT	SFT	SFT	SFT	TON	SFT	RFT	SFT	SFT	RFT	ON	CFT	RFT	EACH	SFT	EACH	ЕАСН	ЕАСН	EACH	
210	06	133	200	10,000	I	16,864	750	4,001.30	2,892	20	1	920	460	2	120	I	I	2	4	
Providing and Fixing of Ceramic Tiles 12"×24" of Imported Approved Quality with jointing and finishing	Flat sheet roof with GI plain sheets, including batten rolls, screws, clips etc.: 22 BWG	Priming coat of chalk under distemper and three coat of Distempering.	Lime pointing flush upto 20' height, including racking joints in lime sand mortar 1:2	Preparing surface & painting with snowcem / weather shield paint: 2nd & subsequent coats	Small iron work, such as gusset plates, knees, bends, stirrups, straps, rings etc. including erection	Post anti Termite Treatment in the building mixed with water of mixing ratio as per the manufacturer's certified manual including boreholes as specified	Cast iron rain water down pipe fixed in position excluding heads & shoes: 4" Dia	French polishing complete: On old work	Scraping rust from old rails or girders	Providing and installing Stainless Steel Strainer of approved make \ quality in tubewell bore hole, including socket, special sockets, studs etc. complete as per specification: - 8" (200 mm) Nominal Pipe Size (NPS) 3/16" (5mm) thick	Providing and Fixing of Submersible pump with motor for pressure pump1.5 HP	Masonry with Facing/Special Bricks in cement sand mortar 1:2 upto 10 ft. height (4-1/2" thick)	Providing and Fixing angle iron railing with MS Pipe 2" Dia at top and at Mid-height, using 2.5"x2.5"x3/8" angle iron post 4.5' long, 5" to 6"apart, complete	Providing & fixing chromium plated double bib-cock with Muslim Shower of approved quality Complete is all respects.	Dismantling 1st class tile roofing	Providing and fixing in position Gas water Geyser with fittings including thermostat, safety valve etc.: - 50 Gallon Best Quality	Supplying and Fixing Polyethylene Water Tank made from food grade FDA Certified raw material, 3 layers UV stabilized, inert with water, anti-fungus and anti-bacterial and have a service life of more than 10 years: 1000 gallons (Vertical)	Providing & Fixing of SHOWER SET locally made complete with concealed T-STOP COCK for cold and hot water supply with mixer, swivel shower rose, long bib cock etc Complete in all respect	Providing and fixing stainless steel ball float valve of approved quality: 1/2" (13 mm) Dia	
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	00

Н	<i>h</i>	- H																
EACH	EACH	EACH	CFT	CFT	SFT	SFT	M	M	M	M	M	EACH	EACH	EACH	EACH	EACH	EACH	1107.1
2	I	12	12	120	312.75	70	761.96	457.18	457.18	182.87	1,176.5	I	81	38	25	232	27	00
pattern) combined with foot rest. complete in all respects: White	Providing and Fixing of Submersible pump with motor for pressure pump 1.5 HP	Providing and fixing chromium plated (CP) double bib cock, heavy duty of approved quality: 1.5 cm (1/2")	Earth excavation in open cut upto 1.5m depth for drains etc & disposal: in Ordinary Soil	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	Making and fixing grating in opening, including fixing at site with flat iron 2"x3/8" and 3/4" sq. bars	erection and removal of Form work with Steel Surface Fishing for RCC or Plain cement Concrete in any shape - Position / Vertical	Supply and Erection Sahl wood strip batten for wiring complete 1"	Supply and Erection Sahl wood strip batten for wiring complete 3/4"	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc.: 2.5" i/d	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc.: 1.5" i/d	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable: 3/0.029"	Main DB Supply and Erection enclosed switch of Bakelite DP (China) 15/30 Amp. fixed on wooden board complete	Supply and Erection Sahl wood board, 1.75" deep: 4"x4"	Supply and Erection Sahl wood board, 1.75" deep: 7"x4"	Supply and Erection Sahl wood board, 1.75" deep :10"x12"	Supply and Erection 3 pin switch & plug combined recessed type: 5 Amp	Supply and Erection circuit breaker (imported) on sahl wood board complete: 2/5/15	Supply and Erection circuit breaker (imported) on sahl wood board complete: 2/5/15
39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57

EACH	EACH	ЕАСН	EACH	ЕАСН	EACH	EACH	M	M	M	M	M	M	EACH	EACH	ЕАСН	EACH
I	20	15	20	2	1	09	300	250	250	410	410	450	80	15	20	40
supply and Erection Frans power auto circuit breaker 3-phase, 400V fungus moisture proofing: 100 Amp.	Supply and Erection best quality exhaust fan complete with shutter & regulator: 12"sweep	Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator: 56" sweep	Supply and Erection of AC energy efficient led light bulbs (21-30 W)	Supply, Installation, connecting, testing & commissioning of Floor mounted following submain distribution board SMDB (Block 7-11)	Supply, Installation, connecting, testing & commissioning of Floor mounted following submain distribution board SMDB (Block 7-11) as required for lighting, power & HVAC as per revise: single line diagram, complete with all earthing with indication lamps complete in all respects	Supply and Erection of AC energy efficient led light bulbs (16-20 W)	supply and Erection MS conduit pipe for wiring purpose comp. Recessed in walls including chase etc.: 1/2" i/d	supply and Erection MS conduit pipe for wiring purpose comp. Recessed in walls including chase etc.: 3/4" i/d	supply and Erection MS conduit pipe for wiring purpose comp. Recessed in walls including chase etc.: 1" i/d	supply and Erection single core PVC insulated copper conductor 250/440 V grade cable: 7/0.029"	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable: 7/0.044"	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable: 3/0.029"	Supply & Erection of Spot light 120/150 watt complete in all aspects	supply & Erection of candle flood light 150 watt complete in all aspects	supply and Erection garden-light fitting with porcelain holder 125 W mercury vapor lamp & choke: 18" Dia	Supply and Erection of AC ENERGY EFFICIENT LED LIGHT BILL BS (16-20 W)
58	59	09	19	62	63	64	65	99	29	89	69	20	7.1	72	73	74



Price Schedule

Procurement of Civil Works for the Supply and Installation of Specialized Museum Showcases for the Upgradation of Museums at D.I Khan, Hund & Abbottabad

Lot #	Description	Amount in PKR Inclusive of all taxes.
Lot-1	Bill of Quantities D.I Khan Museum	PKR.
Lot-2	Bill of Quantities Hund Museum	PKR.
Lot-3	Bill of Quantities Abbottabad Museum	PKR.

Technical Proposal

The Contractor shall provide:

- 1. Documentary evidence minimum number of 03 (Three) similar contracts specified below that have been satisfactorily and substantially completed as a prime contractor, joint venture member², management contractor or sub-contractor⁶ between 1st January 2017 and bid submission deadline:
- 2. The names and details/ CVs of the suitably qualified key personnel to perform the Contract.
- 3. Adequate information to demonstrate clearly that it has the capability to meet the requirements for the key equipment for the Contract
- 4. Information on Site organization.
- 5. Its method statement on the execution of the works
- 6. The contractor shall submit declaration for the compliance with all applicable Social and Environmental laws and regulations, in addition to the World Bank's E&S safeguards.
- A summary of other information, if any, that the Contractor considers relevant

¹ Substantial completion shall be based on 80% or more works completed under the contract.

² For contracts under which the Bidder participated as a joint venture member or sub-contractor, only the Bidder's share, by value, shall be considered to meet this requirement.

Key Personnel

The Bidder/ Contractor shall provide the names and details/ CVs of the suitably qualified key personnel to perform the Contract as per details below

Item No.	Position/specialization	Relevant academic qualifications	Minimum years of relevant work experience
1	Contractor's Representative	Graduate	03
2	Civil Engineer	BSc in Civil Engineer	03
3	Archaeologist	MSc in Archaeology	05
4	Site Inspector	DAE in Civil Engineering	03
5	Quantity Surveyor	B. Tech in Civil Engineering	05
6	Draftsman	DAE in Civil Engineering expert in Auto CAD.	03
7	Accountant	BSc In Commence/ Accounts or relevant field	03
Suitab	le experts in the following specia	lizations	
8	E&S Officer.	BS Environment/ Anthropology or equivalent.	03

Equipment

The Bidder must demonstrate that it will have access to the key Contractor's equipment listed hereafter:

No.	Equipment Type and Characteristics	Minimum Number required
1	Concrete Mixer	02
2	Generator	01
3	Safety Equipment	02 No. Set
4	Concrete Vibrator	02
5	Survey Equipment	01
6	Formwork	45,000 sft
7	Truck/Tractor with trolley	01
8	First Aid Box	02

ANNEX 3: Contract Forms

Contract Agreement

THIS AGREEMENT made the day of 2025 between **Khyber Pakhtunkhwa Integrated Tourism**Development Project (KITE) Department of Tourism (DoT) Govt. of Khyber Pakhtunkhwa (hereinafter "the Employer"), of the one part, and [name of the Contractor]. (hereinafter "the Contractor"), of the other part:

WHEREAS the Employer invited a Quotation for the execution of Works, [insert brief description of the Works], and has accepted the Quotation by the Contractor for the Works:

The Employer and the Contractor agree as follows:

- 1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Contract documents referred to.
- 2. The following documents shall be deemed to form and be read and construed as part of this Agreement. This Agreement shall prevail over all other Contract documents.
 - (a) the Letter of Award of Contract
 - (b) the Contractor's Quotation
 - (c) the Conditions of Contract, including Appendices
 - (d) the Specifications
 - (e) the Drawings (if Applicable)
 - (f) Bill of Quantities; ³ and
 - (g) any other document listed in the CC as forming part of the Contract.
- 3. In consideration of the payments to be made by the Employer to the Contractor as specified in this Agreement, the Contractor hereby covenants with the Employer to execute the Works and to remedy defects therein in conformity in all respects with the provisions of the Contract.
- 4. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying of defects therein, 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.

Signed by:	Project Director PMU KITE	Signed by:
for and on beha	alf of the Employer	for and on behalf the Contractor
in the		in the
presence of:		presence of:
Witness, Name	e, Signature, Address, Date	Witness, Name, Signature, Address, Date

In lump-sum contracts, delete "Bill of Quantities" and replace with "Activity Schedule."



Conditions of Contract

Table of Clauses

A.	General	9
1.	Definitions	9
2.	Contract Specific Information	
3.	Interpretation	
4.	Prohibitions	
5.	Project Manager's Decisions	
6.	Subcontracting	
7.	Cooperation	
8.	Personnel and Equipment	
9.	Employer's and Contractor's Risks	
10.		
11.		
12.		
13.		
14.		
15.		
16.		
17.		
18.	8	
19.		
20.		
21.	11	
22.	I	
23.		
24.	Security of the Site	21
В.	Time Control	21
25.	Program and Progress Reports	21
26.		
27.	Acceleration	
28.		
29.		
30.		
C.	Quality Control	22
31.	Identifying Defects	22
32.	Tests	
33.	Correction of Defects	
34.	Uncorrected Defects	
D	Cost Control	23
	CUBE CURE VI IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	

35.	Contract Price	23
36.	Changes in the Contract Price	23
37.	Variations	
38.	Payment Certificates	
39.	Payments	
40.	Compensation Events	
41.	Tax	
42.	Price Adjustment	
43.	Retention	
44.	Liquidated Damages and Bonuses	
45.	Advance Payment	
46.	Performance Security	
47.	Dayworks	
48.	Cost of Repairs	
E. I	Finishing the Contract	28
49.	Completion	28
50.	Taking Over	28
51.	Final Account	28
52.	Operating and Maintenance Manuals	28
53.	Termination	
54.	Payment upon Termination	
55.	Property	
56.	Release from Performance	
57.	Suspension of Bank Loan or Credit	

Conditions of Contract

A. General

1. Definitions

- 1.1 The following words and expressions shall have the meanings hereby assigned to them. Boldface type is used to identify defined terms.
 - (a) The **Accepted Contract Amount** means the amount accepted in the Letter of Award of Contract for the execution and completion of the Works and the remedying of any defects.
 - (b) The **Activity Schedule** is a schedule of the activities comprising the construction, installation, testing, and commissioning of the Works in a lump-sum contract. It includes a lump-sum price for each activity, which is used for valuations and for assessing the effects of Variations and Compensation Events.
 - (c) The **Adjudicator** is the person appointed jointly by the Employer and the Contractor to resolve disputes in the first instance, as provided for in **CC 21**.
 - (d) "Bank" means the World Bank and refers to the International Bank for Reconstruction and Development (IBRD) or the International Development Association (IDA).
 - (e) **Bill of Quantities** means the priced and completed Bill of Quantities forming part of the Contractor's Quotation.
 - (f) Compensation Events are those defined in CC 40.
 - (g) The **Completion Date** is the date of completion of the Works as certified by the Project Manager, in accordance with **CC 49.1**.
 - (h) The **Contract** is the Contract between the Employer and the Contractor to execute, complete, and maintain the Works. It consists of the documents listed in **CC 3.3** below.
 - (i) The **Contractor** is the party whose Quotation to carry out the Works has been accepted by the Employer.
 - (j) The **Contractor's Quotation** is the completed quotation document submitted by the Contractor to the Employer.
 - (k) The **Contract Price** is the Accepted Contract Amount stated in the Letter of Award of Contract and thereafter as adjusted in accordance with the Contract.
 - (1) **Days** are calendar days; months are calendar months.
 - (m) **Dayworks** are varied work inputs subject to payment on a time basis for the Contractor's employees and Equipment, in addition to payments for associated Materials and Plant.
 - (n) A **Defect** is any part of the Works not completed in accordance with the Contract.

- (o) The **Defects Liability Certificate** is the certificate issued by Project Manager upon correction of defects by the Contractor.
- (p) The Defects Liability Period is the period specified in CC
 2.12 and calculated from the Completion Date.
- (q) 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, include calculations and other information provided or approved by the Project Manager for the execution of the Contract.
- (r) The **Employer** is the party who employs the Contractor to carry out the Works, **as specified in CC 2.1.**
- (s) **Equipment** is the Contractor's machinery and vehicles brought temporarily to the Site to construct the Works.
- (t) "In writing" or "written" means hand-written, type-written, printed or electronically made, and resulting in a permanent record.
- (u) The **Intended Completion Date** is the date on which it is intended that the Contractor shall complete the Works as specified in **CC 2.1.**
- (v) **Materials** are all supplies, including consumables, used by the Contractor for incorporation in the Works.
- (w) **Plant** is any integral part of the Works that shall have a mechanical, electrical, chemical, or biological function.
- (x) The Project Manager is the person named in CC 2.1 (or any other competent person appointed by the Employer and notified to the Contractor, to act in replacement of the Project Manager) who is responsible for supervising the execution of the Works and administering the Contract.
- (y) The Site is the area defined as such in the CC 2.1.
- (z) Site Investigation Reports are those, if any, that were included in the request for quotations documents and are factual and interpretative reports about the surface and subsurface conditions at the Site.
- (aa) **Specifications** means the Specifications of the Works included in the Contract and any modification or addition made or approved by the Project Manager.
- (bb) The **Start Date** is **given in CC 2.1**. It is the latest date when the Contractor shall commence execution of the Works.
- (cc) A **Subcontractor** is a person or corporate body who has a Contract with the Contractor to carry out a part of the work in the Contract, which includes work on the Site.

- (dd) **Temporary Works** are works designed, constructed, installed, and removed by the Contractor that are needed for construction or installation of the Works.
- (ee) A **Variation** is an instruction given by the Project Manager which varies the Works.
- (ff) The **Works** are what the Contract requires the Contractor to construct, install, and turn over to the Employer, as defined in the **CC 2.1.**
- (gg) "Contractor's Personnel" refers to all personnel whom the Contractor utilizes on the Site or other places where the Works are carried out, including the staff, labor and other employees of each Subcontractor.
- (hh) "Key Personnel" means the positions (if any) of the Contractor's personnel that are included in the contract.
- (ii) "Sexual Exploitation and Abuse" "(SEA)" means the following:

Sexual Exploitation is defined as any actual or attempted abuse of position of vulnerability, differential power or trust, for sexual purposes, including, but not limited to, profiting monetarily, socially or politically from the sexual exploitation of another;

Sexual Abuse is defined as the actual or threatened physical intrusion of a sexual nature, whether by force or under unequal or coercive conditions;

- (jj) "Sexual Harassment" "(SH)" is defined as unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature by the Contractor's Personnel with other Contractor's or Employer's Personnel; and
- (kk) "Employer's Personnel" refers to the Project Manager and all other staff, labor and other employees (if any) of the Project Manager and of the Employer engaged in fulfilling the Employer's obligations under the Contract; and any other personnel identified as Employer's Personnel, by a notice from the Employer or the Project Manager to the Contractor.

2. Contract Specific Information

2.1 General

- (a) The **Employer** is: Project Director, Khyber Pakhtunkhwa Integrated Tourism Development Project (KITE)
- (b) The **Intended Completion Date** for the whole of the Works shall be: *90 Days*.
- (c) The Project Manager is: [insert name, address, and name of authorized representative]
- (d) The Site is located at D.I Khan, Hund & Abboatabad Museum, Khyber Pakhtunkhwa.

- (e) The Start Date shall be: within 07 working days after handing taking over of the site between Directorate of Archaeology and Museum (DoAM) & Contractor.
- (f) The Works consist of: Small Works (Civil Works) at D.I Khan, Hund & Abboatabad Museum, Khyber Pakhtunkhwa
- 2.2 Any notice given by one Party to the other pursuant to the Contract shall be in writing to the address hereafter using the quickest available method such as electronic mail with proof of receipt.

Address for notices to the Employer:

Project Director PMU KITE DoT.

Khyber Pakhtunkhwa Integrated Tourism Development Project (KITE) Department of Tourism (DoT).

House No 20, Syed Jamal Uddin Afghani Road University Town Peshawar, Khyber Pakhtunkhwa, Pakistan

<u>Samad@pmukite.com</u>, <u>procurement.kite@gmail.com</u>

Address for notices to the Contractor:

[insert the name of officer authorized to receive notices]
[title/position]

[department/work unit]

[address]

[Electronic mail address]

- 2.3 In accordance with CC 3.2, Sectional Completions are: <u>90 days</u> after signing of the contract.
- 2.4 The language of the contract is <u>English</u>. The language shall be that of the Quotation.
- 2.5 The Contract shall be governed by the law of: "Islamic Republic of Pakistan.

The contract specific information for the listed Conditions of Contract (CC) clauses follows:

- 2.6 CC 12: The minimum insurance amounts and deductibles shall be: (N/A)
 - (a) for loss or damage to the Works, Plant and Materials: *[insert amounts].*
 - (b) For loss or damage to Equipment: [insert amounts].
 - (c) for loss or damage to property (except the Works, Plant, Materials, and Equipment) in connection with Contract *[insert amounts]*.
 - (d) for personal injury or death: of the Contractor's employees: [amount] of other people: [amount].
- 2.7 CC 13: Site Data are: D.I Khan, Hund, & Abbottabad Museums.
- 2.8 CC 18: Site Possession Date(s) shall be: with in 07 days after signing of contract.

- 2.9 CC 21: Appointing Authority of Adjudicator: Secretary Toursim Govt. of Khyber Pakhtunkhwa.
- 2.10 **CC 25.1**: A **Program** for the Works shall be submitted within: <u>07</u> days from the date of the Letter of Award of Contract.
- 2.11 CC 25.2: The period for submission of progress reports is: <u>The contractor shall submit Monthly Progress Report.</u>
- 2.12 **CC 33**: The **Defects Liability Period** shall be: <u>90</u> days from the date of Completion.
- 2.13 CC 43: The retention amount shall be: 5% on each Bill/Invoice.
- 2.14 **CC 44.1**: The **liquidated damages** for the whole of the Works shall be: <u>0.05%</u> of the final Contract Price per day..
- 2.15 **CC 44.1**: The **maximum amount of liquidated damages** for the whole of the Works is: <u>10%</u> of the final Contract Price.
- 2.16 CC 44.3: the Bonus for the whole of the Works is: (N/A)
- 2.17 CC 45: The Advance Payment shall be: (10%) of the Accepted Contract Amount and shall be paid to the Contractor no later than 30 days after the Contractor submits an acceptable Bank Guarantee.
- 2.18 CC 46: The Performance Security amount shall be for an amount of: [10%] of the Accepted Contract Amount in the form of an irrevocable unconditional Bank Guaranty issued by a schedule Bank of Pakistan
 - Successful Bidder shall submit (Eight) 8% of the Accepted Contract Amount as Performance Security in the shape of Bank Guarantee on Performance Security Forms included in Section X.
 - Successful Bidder shall submit (Two) 2% of the Accepted Contract Amount as an Environmental and Social (ES) Performance Security in the shape of Bank Guarantee on Environmental and Social (ES) Performance Security Forms included in Section X
- 2.19 **CC 52.1**: The date by which operating and maintenance manuals are required is *[insert date]*. In accordance with **CC 52.1**, the date by which "as built" drawings are required is *[insert date]*.(N/A)
- 2.20 CC 52.2: The amount to be withheld: as per *CC-2.13*.
- 2.21 CC 54.1: The percentage to apply to the value of the work not completed is: 15%.

3. Interpretation

- 3.1 In interpreting these CC, words indicating one gender include all genders. Words indicating the singular also include the plural and words indicating the plural also include the singular. Headings have no significance. Words have their normal meaning under the language of the Contract unless specifically defined. The Project Manager shall provide instructions clarifying queries about these CC.
- 3.2 If sectional completion is specified in CC 2.3, references in the CC to the Works, the Completion Date, and the Intended Completion Date apply to any Section of the Works (other than references to the

Completion Date and Intended Completion Date for the whole of the Works).

- 3.3 The documents forming the Contract shall be interpreted in the following order of priority:
 - (a) the Contract Agreement,
 - (b) The Letter of Award of Contract
 - (c) The Contractor's Quotation,
 - (d) the Conditions of Contract, including Appendices
 - (e) the Specifications,
 - (f) the Bill of Quantities,1
 - (g) Handing taking with DoAM, and
 - (h) any other document to be specified by Employer).

4. Prohibitions

- 4.1 Throughout the execution of the Contract, the Contractor shall comply with the import of goods and services prohibitions in the Employer's country when
 - (a) as a matter of law or official regulations, the Borrower's country prohibits commercial relations with that country; or
 - (b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, the Borrower's Country prohibits any import of goods from that country or any payments to any country, person, or entity in that country.

5. Project Manager's Decisions

- 5.1 Except where otherwise specifically stated, the Project Manager shall decide contractual matters between the Employer and the Contractor in the role representing the Employer.
- 6. Subcontracting
- 6.1 The Contractor may subcontract with the approval of the Project Manager but may not assign the Contract without the approval of the Employer in writing. Subcontracting shall not alter the Contractor's obligations.

7. Cooperation

7.1 The Contractor shall cooperate with and allow appropriate opportunities for other contractors, public authorities, utilities, and the Employer, to carry out on or near the Site work, if any, not included in the Contract.

In lump-sum contracts, delete "Bill of Quantities" and replace with "Activity Schedule."

8. Personnel and Equipment

- 8.1 The Contractor shall employ the Key Personnel and use the Equipment identified in its quotation, to carry out the Works or other personnel and Equipment approved by the Project Manager. The Project Manager shall approve any proposed replacement of Key Personnel and Equipment only if their relevant qualifications or characteristics are substantially equal to or better than those proposed in the quotation.
- 8.2 The Project Manager may require the Contractor to remove (or cause to be removed) any person employed on the Site or Works, including the Key Personnel (if any), who:
 - (a) persists in any misconduct or lack of care;
 - (b) carries out duties incompetently or negligently;
 - (c) fails to comply with any provision of the Contract;
 - (d) persists in any conduct which is prejudicial to safety, health, or the protection of the environment;
 - (e) engages in Sexual Harassment, Sexual Exploitation, Sexual Abuse or in any form of sexual activity with individuals under the age of 18 except in case of pre-existing marriage;
 - (f) based on reasonable evidence, is determined to have engaged in Fraud and Corruption during the execution of the Works; or
 - (g) has been recruited from the Employer's Personnel.

As appropriate, the Contractor shall then promptly appoint (or cause to be appointed) a suitable replacement with equivalent skills and experience.

8.3 Labor

- 8.3.1 Engagement of Staff and Labor. The Contractor shall provide and employ on the Site for the execution of the Works such skilled, semi-skilled and unskilled labor as is necessary for the proper and timely execution of the Contract. The Contractor is encouraged, to the extent practicable and reasonable, to employ staff and labor with appropriate qualifications and experience from sources within the Country.
- 8.3.2 Labor Laws. The Contractor shall comply with all the relevant labor laws applicable to the Contractor's Personnel, including laws relating to their employment, health, safety, welfare, immigration and emigration, and shall allow them all their legal rights.:
- 8.3.3 Facilities for Staff and Labor. All the facilities for staff and labor are to be provided by the Contractor, The Contractor shall provide and maintain all necessary accommodation and welfare facilities for the Contractor's Personnel.
- 8.3.4 Supply of Foodstuffs. The Contractor shall arrange for the provision of a sufficient supply of suitable food at reasonable prices for the Contractor's Personnel for the purposes of or in connection with the Contract.

- 8.3.5 Supply of Water. The Contractor shall, having regard to local conditions, provide on the Site an adequate supply of drinking and other water for the use of the Contractor's Personnel.
- 8.3.6 Forced *Labor*. The Contractor, including its Subcontractors, shall not employ or engage forced labor. Forced labor *consists* of any work or service, not voluntarily performed, that is exacted from an individual under threat of force or penalty, and includes any kind of involuntary or compulsory labor, such as indentured labor, bonded labor or similar labor-contracting arrangements.

No persons shall be employed or engaged who have been subject to trafficking. Trafficking in persons is defined as the recruitment, transportation, transfer, harboring or receipt of persons by means of the threat or use of force or other forms of coercion, abduction, fraud, deception, abuse of power, or of a position of vulnerability, or of the giving or receiving of payments or benefits to achieve the consent of a person having control over another person, for the purposes of exploitation.

8.3.7 Child Labor. The Contractor, including its Subcontractors, shall *not* employ or engage a child under the age of 14 unless the national law specifies a higher age.

The Contractor, including its Subcontractors, shall not employ or engage a child between the minimum age and the age of 18 in a manner that is likely to be hazardous, or to interfere with, the child's education, or to be harmful to the child's health or physical, mental, spiritual, moral, or social development.

The Contractor including its Subcontractors, shall only employ or engage children between the minimum age and the age of 18 after an appropriate risk assessment has been conducted by the Contractor with the Project Manager's approval. The Contractor shall be subject to regular monitoring by the Project Manager that includes monitoring of health, working conditions and hours of work.

Work considered hazardous for children is work that, by its nature or the circumstances in which it is carried out, is likely to jeopardize the health, safety, or morals of children. Such work activities prohibited for children include work:

- (a) with exposure to physical, psychological or sexual abuse;
- (b) underground, underwater, working at heights or in confined spaces;
- (c) with dangerous machinery, equipment or tools, or involving handling or
- (d) transport of heavy loads;
- in unhealthy environments exposing children to hazardous substances, agents, or processes, or to temperatures, noise or vibration damaging to health; or

- (f) under difficult conditions such as work for long hours, during the night or in confinement on the premises of the employer.
- 8.3.8 Employment Records of Workers. The Contractor shall keep complete and accurate records of the employment of labor at the Site.
- 8.3.9 Non-Discrimination and Equal Opportunity. The Contractor shall not make decisions relating to the employment or treatment of Contractor's Personnel on the basis of personal characteristics unrelated to inherent job requirements. The Contractor shall base the employment of Contractor's Personnel on the principle of equal opportunity and fair treatment, and shall not discriminate with respect to any aspects of the employment relationship.
- 8.3.10 Contractor's Personnel Grievance Mechanism. The Contractor shall have a proportionate grievance mechanism for Contractor's Personnel.
- 8.3.11 Awareness of Contractor's Personnel. The Contractor shall provide appropriate awareness to relevant Contractor's Personnel on any applicable environmental and social aspects of the Contract, including on health, safety and prohibition of SEA and SH.
- 9. Employer's and Contractor's Risks
- 9.1 The Employer carries the risks which this Contract states are Employer's risks, and the Contractor carries the risks which this Contract states are Contractor's risks.
- 10. Employer's Risks
- 10.1 From the Start Date until the Defects Liability Certificate has been issued, the following are Employer's risks:
 - (a) The risk of personal injury, death, or loss of or damage to property (excluding the Works, Plant, Materials, and Equipment), which are due to
 - use or occupation of the Site by the Works or for the purpose of the Works, which is the unavoidable result of the Works or
 - (ii) negligence, breach of statutory duty, or interference with any legal right by the Employer or by any person employed by or contracted to him except the Contractor.
 - (b) The risk of damage to the Works, Plant, Materials, and Equipment to the extent that it is due to a fault of the Employer or in the Employer's design, or due to war or radioactive contamination directly affecting the country where the Works are to be executed.
- 10.2 From the Completion Date until the Defects Liability Certificate has been issued, the risk of loss of or damage to the Works, Plant, and Materials is an Employer's risk except loss or damage due to
 - (a) a Defect which existed on the Completion Date,
 - (b) an event occurring before the Completion Date, which was not itself an Employer's risk, or

(c) the activities of the Contractor on the Site after the Completion Date.

11. Contractor's Risks

11.1 From the Starting Date until the Defects Liability Certificate has been issued, the risks of personal injury, death, and loss of or damage to property (including, without limitation, the Works, Plant, Materials, and Equipment) which are not Employer's risks are Contractor's risks.

12. Insurance

- 12.1 The Contractor shall provide, in the joint names of the Employer and the Contractor, insurance cover from the Start Date to the end of the Defects Liability Period, in the amounts and deductibles specified in CC 2.6, for listed events which are due to the Contractor's risks:
- 12.2 Policies and certificates for insurance shall be delivered by the Contractor to the Project Manager for the Project Manager's approval before the Start Date. All such insurance shall provide for compensation to be payable in the types and proportions of currencies required to rectify the loss or damage incurred.
- 12.3 If the Contractor does not provide any of the policies and certificates required, the Employer may effect the insurance which the Contractor should have provided and recover the premiums the Employer has paid from payments otherwise due to the Contractor or, if no payment is due, the payment of the premiums shall be a debt due.
- 12.4 Alterations to the terms of an insurance shall not be made without the approval of the Project Manager.
- 12.5 Both parties shall comply with any conditions of the insurance policies.

13. Site Data

13.1 The Contractor shall be deemed to have examined any Site Data referred to in CC 2.7, supplemented by any information available to the Contractor.

14. Contractor to Construct the Works

14.1 The Contractor shall construct and install the Works in accordance with the Specifications and Drawings.

15. Approval by the Project Manager

- 15.1 The Contractor shall submit Specifications and Drawings showing the proposed Temporary Works to the Project Manager, for his approval.
- 15.2 The Contractor shall be responsible for design of Temporary Works.
- 15.3 The Project Manager's approval shall not alter the Contractor's responsibility for design of the Temporary Works.
- 15.4 The Contractor shall obtain approval of third parties to the design of the Temporary Works, where required.
- 15.5 All Drawings prepared by the Contractor for the execution of the temporary or permanent Works, are subject to prior approval by the Project Manager before this use.

- 16. Health, Safety and Protection of the Environment
- 16.1 The Contractor shall be responsible for the safety of all activities on the Site, and for taking care of the health and safety of all persons entitled to be on the Site and any other place where the Works are being executed.
- 16.2 The Contractor shall comply with all applicable health and safety regulations and laws.
- 16.3 Protection of the environment
 - (a) The Contractor shall take all necessary measures to: protect the environment (both on and off the Site); and
 - (b) limit damage and nuisance to people and property resulting from pollution, noise and other results of the Contractor's operations and/ or activities.

In the event of damage to the environment, property and/or nuisance to people, on or off Site as a result of the Contractor's operations, the Contractor shall agree with the Project Manager the appropriate actions and time scale to remedy, as practicable, the damaged environment to its former condition. The Contractor shall implement such remedies at its cost to the satisfaction of the Project Manager.

- 17. Archaeological and Geological Findings
- 17.1 All fossils, coins, articles of value or antiquity, structures, groups of structures, and other remains or items of geological, archaeological, paleontological, historical, architectural or religious interest found on the Site shall be placed under the care and custody of the Employer.
- 18. Possession of the Site
- 18.1 If possession of a part is not given by the date stated in **CC 2.8**, the Employer shall be deemed to have delayed the start of the relevant activities, and this shall be a Compensation Event.
- 19. Access to the Site
- 19.1 The Contractor shall allow the Project Manager and any person authorized by the Project Manager access to the Site and to any place where work in connection with the Contract is being carried out or is intended to be carried out.
- 20. Instructions, Inspections and Audits
- 20.1 The Contractor shall carry out all instructions of the Project Manager which comply with the applicable laws where the Site is located.
- 20.2 The Contractor shall keep and shall make all reasonable efforts to cause its Subcontractors and subconsultants to keep, accurate and systematic accounts and records in respect of the Works in such form and details as will clearly identify relevant time changes and costs.
- 20.3 Inspections & Audit by the Bank

Pursuant to paragraph 2.2 e. of Appendix A to the CC- Fraud and Corruption, the Contractor shall permit and shall cause its agents (where declared or not), subcontractors, subconsultants, service providers, suppliers, and personnel, to permit, the Bank and/or persons appointed by the Bank to inspect the site and/or the accounts, records and other documents relating to the procurement process,

selection and/or contract execution, and to have such accounts, records and other documents audited by auditors appointed by the Bank. The Contractor's and its Subcontractors' and subconsultants' attention is drawn to **CC 23.1** (Fraud and Corruption) which provides, inter alia, that acts intended to materially impede the exercise of the Bank's inspection and audit rights constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to the Bank's prevailing sanctions procedures).

21. Appointment of the Adjudicator

- 21.1 The Employer and the Contractor shall jointly appoint an adjudicator with relevant experience, within 7 (seven) days of contract signature. In case of disagreement between the Employer and the Contractor on the appointment of the Adjudicator within this period, either party will request the Appointing authority stated in CC 2.9, to appoint the Adjudicator within 7 (seven) days of receipt of such request.
- 21.2 Should the Adjudicator resign or die, or should the Employer and the Contractor agree that the Adjudicator is not functioning in accordance with the provisions of the Contract, a new Adjudicator shall be jointly appointed by the Employer and the Contractor. In case of disagreement between the Employer and the Contractor, within 14 (fourteen) days, the Adjudicator shall be designated by the Appointing Authority stated in CC 2.9, at the request of either party, within 7 (seven) days of receipt of such request.

22. Procedure for Disputes

- 22.1 If the Contractor believes that a decision taken by the Project Manager was either outside the authority given to the Project Manager by the Contract or that the decision was wrongly taken, the decision shall be referred to the Adjudicator within 14 (fourteen) days of the notification of the Project Manager's decision.
- 22.2 The Adjudicator shall give a decision in writing within 14 (fourteen) days of receipt of a notification of a dispute. The adjudicator's cost (hourly fee and reimbursable expenses) shall be divided equally between the Employer and the Contractor, whatever decision is reached by the Adjudicator.
- 22.3 Both parties shall attempt to settle the dispute amicably before commencement of arbitration. If the dispute is not settled amicably within 14 (fourteen) days of the Adjudicator's written decision, either party may refer a decision of the Adjudicator to an Arbitrator. If neither party refers the dispute to arbitration within 28 (twenty eight) days of the Adjudicator's written decision, the Adjudicator's decision shall be final and binding. The arbitration shall be conducted in accordance with the following arbitration procedures. *Islamic Republic of Pakistan*.
 - (a) Contract with foreign Contractor:

[unless the Employer chooses the commercial arbitration rules of another international arbitral institution, the following sample clause should be inserted:]

All disputes arising out of or in connection with the present contract shall be finally settled under the Rules of Arbitration of the International Chamber of Commerce by one or more arbitrators appointed in accordance with the said Rules.

(b) Contracts with Contractor national of the Employer's Country:

In the case of a dispute between the Employer and a Contractor who is a national of the Employer's Country, the dispute shall be referred to adjudication or arbitration in accordance with the laws of the Employer's Country.]

23. Fraud and Corruption

- 23.1 The Bank requires compliance with the Bank's Anti-Corruption Guidelines and its prevailing sanctions policies and procedures as set forth in the WBG's Sanctions Framework, as set forth in Appendix A to the CC.
- 23.2 The Employer requires the Contractor to disclose any commissions or fees that may have been paid or are to be paid to agents or any other party with respect to the to the request for quotations or execution of the Contract. The information disclosed must include at least the name and address of the agent or other party, the amount and currency, and the purpose of the commission, gratuity or fee.

24. Security of the Site

- 24.1 The Contractor shall be responsible for the security of the Site, and:
 - (a) for keeping unauthorized persons off the Site;
 - (b) authorized persons shall be limited to the Contractor's Personnel, the Employer's Personnel, and to any other personnel identified as authorized personnel (including the Employer's other contractors on the Site), by a notice from the Employer or the Project Manager to the Contractor.

The Contractor shall require the security personnel to act within the applicable Laws.

B. Time Control

25. Program and Progress Reports

- 25.1 The Contractor shall submit for approval a Program for the Works, within the period stated in CC 2.10. The Contractor may revise the Program and submit it to the Project Manager again at any time. A revised Program shall show any effect of Variations and Compensation Events.
- 25.2 The Contractor shall monitor progress of the Works and submit progress reports to the Project manager at intervals no longer than the period stated in CC 2.11.
- 25.3 In addition to the progress reports stated in CC 2.11, the Contractor shall inform the Project Manager immediately of any allegation, incident or accident in the Site, which has or is likely to have a significant adverse effect including, but is not limited to, any incident or accident causing fatality or serious injury; significant adverse effects or damage to private property; or any allegation of SEA and/or SH.

The Contractor shall provide full details of such incidents or accidents to the Project Manager within the timeframe agreed with the Project Manager.

26. Extension of the Completion Date

- 26.1 The Project Manager shall extend the Intended Completion Date if a Compensation Event occurs or a Variation is issued which makes it impossible for Completion to be achieved by the Intended Completion Date without the Contractor taking steps to accelerate the remaining work, which would cause the Contractor to incur additional cost.
- 26.2 If the Contractor has failed to give early warning of a delay or has failed to cooperate in dealing with a delay, the delay by this failure shall not be considered in assessing the new Intended Completion Date.

27. Acceleration

- 27.1 When the Employer wants the Contractor to finish before the Intended Completion Date, the Project Manager shall obtain priced proposals for achieving the necessary acceleration from the Contractor. If the Employer accepts these proposals, the Intended Completion Date shall be adjusted accordingly and confirmed by both the Employer and the Contractor.
- 27.2 If the Contractor's priced proposals for an acceleration are accepted by the Employer, they are incorporated in the Contract Price and treated as a Variation.

28. Delays Ordered by the Project Manager

28.1 The Project Manager may instruct the Contractor to delay the start or progress of any activity within the Works.

29. Management Meetings

29.1 Either the Project Manager or the Contractor may require the other to attend a management meeting. The business of a management meeting shall be to review the plans for remaining work and to deal with matters raised in accordance with the early warning procedure.

30. Early Warning

- 30.1 The Contractor shall warn the Project Manager at the earliest opportunity of specific likely future events or circumstances that may adversely affect the quality of the work, increase the Contract Price, or delay the execution of the Works.
- 30.2 The Contractor shall cooperate with the Project Manager in making and considering proposals for how the effect of such an event or circumstance can be avoided or reduced by anyone involved in the work and in carrying out any resulting instruction of the Project Manager.

C. Quality Control

31. Identifying Defects

31.1 The Project Manager shall check the Contractor's work and notify the Contractor of any Defects that are found. Such checking shall not affect the Contractor's responsibilities. The Project Manager may

instruct the Contractor to search for a Defect and to uncover and test any work that the Project Manager considers may have a Defect.

32. Tests

32.1 If the Project Manager instructs the Contractor to carry out a test not specified in the Specifications to check whether any work has a Defect and the test shows that it does, the Contractor shall pay for the test and any samples. If there is no Defect, the test shall be a Compensation Event.

33. Correction of Defects

- 33.1 The Project Manager shall give notice to the Contractor of any Defects before the end of the Defects Liability specified in CC 2.12. The Defects Liability Period shall be extended for as long as Defects remain to be corrected.
- 33.2 Every time notice of a Defect is given, the Contractor shall correct the notified Defect within the length of time specified by the Project Manager's notice.

34. Uncorrected Defects

34.1 If the Contractor has not corrected a Defect within the time specified in the Project Manager's notice, the Project Manager shall assess the cost of having the Defect corrected, and the Contractor shall pay this amount.

D. Cost Control

35. Contract Price²

35.1 The Bill of Quantities shall contain priced items for the Works to be performed by the Contractor. The Bill of Quantities is used to calculate the Contract Price. The Contractor will be paid for the quantity of the work accomplished at the rate in the Bill of Quantities for each item.

36. Changes in the Contract Price³

- 36.1 If the final quantity of the work done differs from the quantity in the Bill of Quantities for the particular item by more than 25 percent, provided the change exceeds 1 percent of the Accepted Contract Amount, the Project Manager shall adjust the rate to allow for the change. The Project Manager shall not adjust rates from changes in quantities if thereby the Accepted Contract Amount is exceeded by more than 15 percent, except with the prior approval of the Employer.
- 36.2 If requested by the Project Manager, the Contractor shall provide the Project Manager with a detailed cost breakdown of any rate in the Bill of Quantities.

² In lump-sum contracts, replace CC 35.1 as follows:

^{35.1} The Contractor shall provide updated Activity Schedules within 7 (seven) days of being instructed to by the Project Manager. The Activity Schedule shall contain the priced activities for the Works to be performed by the Contractor. The Activity Schedule is used to monitor and control the performance of activities on which basis the Contractor will be paid. If payment for materials on site shall be made separately, the Contractor shall show delivery of Materials to the Site separately on the Activity Schedule.

In lump-sum contracts, replace entire CC 36 with new CC 36.1, as follows:

^{36.1} The Activity Schedule shall be amended by the Contractor to accommodate changes of Program or method of working made at the Contractor's own discretion. Prices in the Activity Schedule shall not be altered when the Contractor makes such changes to the Activity Schedule.

Contract Forms 24

37. Variations

37.1 All Variations shall be included in updated Programs⁴ produced by the Contractor.

- 37.2 The Contractor shall provide the Project Manager with a quotation for carrying out the Variation when requested to do so by the Project Manager. The Project Manager shall assess the quotation, which shall be given within 7 (seven) days of the request or within any longer period stated by the Project Manager and before the Variation is ordered.
- 37.3 If the Contractor's quotation is unreasonable, the Project Manager may order the Variation and make a change to the Contract Price, which shall be based on the Project Manager's own forecast of the effects of the Variation on the Contractor's costs.
- 37.4 If the Project Manager decides that the urgency of varying the work would prevent a quotation being given and considered without delaying the work, no quotation shall be given and the Variation shall be treated as a Compensation Event.
- 37.5 The Contractor shall not be entitled to additional payment for costs that could have been avoided by giving early warning.
- 37.6 If the work in the Variation corresponds to an item description in the Bill of Quantities and if, in the opinion of the Project Manager, the quantity of work above the limit stated in **CC 36.1** or the timing of its execution do not cause the cost per unit of quantity to change, the rate in the Bill of Quantities shall be used to calculate the value of the Variation. If the cost per unit of quantity changes, or if the nature or timing of the work in the Variation does not correspond with items in the Bill of Quantities, the quotation by the Contractor shall be in the form of new rates for the relevant items of work. ⁵

38. Payment Certificates

- 38.1 The Contractor shall submit to the Project Manager monthly statements of the estimated value of the work executed less the cumulative amount certified previously.
- 38.2 The Project Manager shall check the Contractor's monthly statement and certify the amount to be paid to the Contractor.
- 38.3 The value of work executed shall be determined by the Project Manager.
- 38.4 The value of work executed shall comprise the value of the quantities of work in the Bill of Quantities that have been completed.⁶
- 38.5 The value of work executed shall include the valuation of Variations and Compensation Events.
- 38.6 The Project Manager may exclude any item certified in a previous certificate or reduce the proportion of any item previously certified in any certificate in the light of later information.

In lump-sum contracts, add "and Activity Schedules" after "Programs."

In lump-sum contracts, delete this paragraph.

In lump-sum contracts, replace this paragraph with the following: "The value of work executed shall comprise the value of completed activities in the Activity Schedule."

39. Payments

- 39.1 Payments shall be adjusted for deductions for advance payments and retention. The Employer shall pay the Contractor the amounts certified by the Project Manager within 28 (twenty eight) days of the date of each certificate. If the Employer makes a late payment, the Contractor shall be paid interest on the late payment in the next payment. The interest rate shall be at the prevailing rate of interest for commercial borrowing for each of the currencies in which payments are made.
- 39.2 Items of the Works for which no rate or price has been entered in shall not be paid for by the Employer and shall be deemed covered by other rates and prices in the Contract.

40. Compensation Events

- 40.1 The following shall be Compensation Events:
 - (a) The Employer does not give access to a part of the Site by the Site Possession Date pursuant to **CC 2.8**.
 - (b) The Project Manager orders a delay or does not issue Drawings, Specifications, or instructions required for execution of the Works on time.
 - (c) The Project Manager instructs the Contractor to uncover or to carry out additional tests upon work, which is then found to have no Defects.
 - (d) The Project Manager unreasonably does not approve a subcontract to be let.
 - (e) Ground conditions are substantially more adverse than could reasonably have been assumed before issuance of the Letter of Award of Contract from the information issued to Contractors (including the Site Investigation Reports), from information available publicly and from a visual inspection of the Site.
 - (f) The Project Manager gives an instruction for dealing with an unforeseen condition, caused by the Employer, or additional work required for safety or other reasons.
 - (g) Other contractors, public authorities, utilities, or the Employer does not work within the dates and other constraints stated in the Contract, and they cause delay or extra cost to the Contractor.
 - (h) The advance payment is delayed.
 - (i) The effects on the Contractor of any of the Employer's Risks.
 - (j) The Project Manager unreasonably delays issuing a Certificate of Completion.
- 40.2 If a Compensation Event would cause additional cost or would prevent the work being completed before the Intended Completion Date, the Contract Price shall be increased and/or the Intended Completion Date shall be extended. The Project Manager shall decide whether and by how much the Contract Price shall be increased and

- whether and by how much the Intended Completion Date shall be extended.
- 40.3 As soon as information demonstrating the effect of each Compensation Event upon the Contractor's forecast cost has been provided by the Contractor, it shall be assessed by the Project Manager, and the Contract Price shall be adjusted accordingly. If the Contractor's forecast is deemed unreasonable, the Project Manager shall adjust the Contract Price based on the Project Manager's own forecast. The Project Manager shall assume that the Contractor shall react competently and promptly to the event.
- 40.4 The Contractor shall not be entitled to compensation to the extent that the Employer's interests are adversely affected by the Contractor's not having given early warning or not having cooperated with the Project Manager.
- 41. Tax
- 41.1 The Project Manager shall adjust the Contract Price if taxes, duties, and other levies are changed between the date of submission of quotations for the Contract and the date of the last Completion certificate. The adjustment shall be the change in the amount of tax payable by the Contractor.
- 42. Price Adjustment
- 42.1 Prices shall not be adjusted for any fluctuations in the cost of inputs.
- 43. Retention
- 43.1 The Employer shall retain from each payment due to the Contractor the proportion stated in **CC 2.13** until Completion of the whole of the Works.
- 43.2 Upon the issue of a Certificate of Completion of the Works by the Project Manager, in accordance with **CC 49.1**, half the total amount retained shall be repaid to the Contractor and half when the Defects Liability Period has passed and the Project Manager has certified that all Defects notified by the Project Manager to the Contractor before the end of this period have been corrected. The Contractor may substitute retention money with an "on demand" Bank guarantee.
- 44. Liquidated
 Damages and
 Bonuses
- 44.1 The Contractor shall pay liquidated damages to the Employer at the rate per day stated in **CC 2.14** for each day that the Completion Date is later than the Intended Completion Date. The total amount of liquidated damages shall not exceed the amount defined in **CC 2.15**. The Employer may deduct liquidated damages from payments due to the Contractor. Payment of liquidated damages shall not affect the Contractor's liabilities.
- 44.2 If the Intended Completion Date is extended after liquidated damages have been paid, the Project Manager shall correct any overpayment of liquidated damages by the Contractor by adjusting the next payment certificate. The Contractor shall be paid interest on the overpayment, calculated from the date of payment to the date of repayment, at the rates specified in CC 39.1.
- 44.3 The Contractor shall be paid a Bonus calculated at the rate per calendar day stated in CC 2.16 for each day (less any days for which

the Contractor is paid for acceleration) that the Completion is earlier than the Intended Completion Date. The Project Manager shall certify that the Works are complete, although they may not be due to be complete

45. Advance Payment

- 45.1 The Employer shall make advance payment to the Contractor in the amount specified in CC 2.17, against provision by the Contractor, if required in CC 2.17, of an Unconditional Bank Guarantee in a form and by a bank acceptable to the Employer in amounts and currencies equal to the advance payment. The Guarantee shall remain effective until the advance payment has been repaid, but the amount of the Guarantee shall be progressively reduced by the amounts repaid by the Contractor.
- 45.2 The Contractor is to use the advance payment only to pay for Equipment, Plant, Materials, and mobilization expenses required specifically for execution of the Contract. The Contractor shall demonstrate that advance payment has been used in this way by supplying copies of invoices or other documents to the Project Manager.
- 45.3 The advance payment shall be repaid by deducting proportionate amounts from payments otherwise due to the Contractor, following the schedule of completed percentages of the Works on a payment basis. No account shall be taken of the advance payment or its repayment in assessing valuations of work done, Variations, price adjustments, Compensation Events, Bonuses, or Liquidated Damages.

46. Performance Security

46.1 The Performance Security, if required in CC 2.18, shall be provided to the Employer no later than the date specified in the Letter of Acceptance and shall be issued in an amount specified in CC 2.18, by a bank or surety acceptable to the Employer, and denominated in the types and proportions of the currencies in which the Contract Price is payable. The Performance Security shall be valid until a date 28 days from the date of issue of the Certificate of Completion in the case of a Bank Guarantee, and until one year from the date of issue of the Certificate of Completion in the case of a Performance Bond.

47. Dayworks

- 47.1 If applicable, the Dayworks rates in the Contractor's Quotations shall be used only when the Project Manager has given written instructions in advance for additional work to be paid for in that way.
- 47.2 All work to be paid for as Dayworks shall be recorded by the Contractor on forms approved by the Project Manager. Each completed form shall be verified and signed by the Project Manager within two days of the work being done.
- 47.3 The Contractor shall be paid for Dayworks subject to obtaining signed Dayworks forms.

48. Cost of Repairs

48.1 Loss or damage to the Works or Materials to be incorporated in the Works between the Start Date and the end of the Defects Correction

periods shall be remedied by the Contractor at the Contractor's cost if the loss or damage arises from the Contractor's acts or omissions.

E. Finishing the Contract

49. Completion

49.1 The Contractor shall request the Project Manager to issue a Certificate of Completion of the Works, and the Project Manager shall do so upon deciding that the whole of the Works is completed.

50. Taking Over

50.1 The Employer shall take over the Site and the Works within 7 (seven) days of the Project Manager's issuing a Certificate of Completion.

51. Final Account

51.1 The Contractor shall supply the Project Manager with a detailed account of the total amount that the Contractor considers payable under the Contract before the end of the Defects Liability Period. The Project Manager shall issue a Defects Liability Certificate and certify any final payment that is due to the Contractor within 56 (fifty six) days of receiving the Contractor's account if it is correct and complete. If it is not, the Project Manager shall issue within 56 (fifty six) days a schedule that states the scope of the corrections or additions that are necessary. If the Final Account is still unsatisfactory after it has been resubmitted, the Project Manager shall decide on the amount payable to the Contractor and issue a payment certificate.

52. Operating and Maintenance Manuals

- 52.1 If "as built" Drawings and/or operating and maintenance manuals are required, the Contractor shall supply them by the dates stated in CC 2.19.
- 52.2 If the Contractor does not supply the Drawings and/or manuals by the dates stated in CC 2.19, or they do not receive the Project Manager's approval, the Project Manager shall withhold the amount stated in CC 2.20 from payments due to the Contractor.

53. Termination

- 53.1 The Employer or the Contractor may terminate the Contract if the other party causes a fundamental breach of the Contract.
- 53.2 Fundamental breaches of Contract shall include, but shall not be limited to, the following:
 - (a) the Contractor stops work for 28 (twenty eight) days when no stoppage of work is shown on the current Program and the stoppage has not been authorized by the Project Manager;
 - (b) the Project Manager instructs the Contractor to delay the progress of the Works, and the instruction is not withdrawn within 28 (twenty eight) days;
 - (c) the Employer or the Contractor is made bankrupt or goes into liquidation other than for a reconstruction or amalgamation;
 - (d) a payment certified by the Project Manager is not paid by the Employer to the Contractor within 84 (eighty four) days of the date of the Project Manager's certificate;

- (e) the Project Manager gives Notice that failure to correct a particular Defect is a fundamental breach of Contract and the Contractor fails to correct it within a reasonable period of time determined by the Project Manager;
- (f) the Contractor does not maintain a Security, which is required;
- (g) the Contractor has delayed the completion of the Works for which the maximum amount of liquidated damages can be paid, as specified in CC 2.15; or
- (h) if the Contractor, in the judgment of the Employer has engaged in Fraud and Corruption, as defined in paragraph 2.2 a of the Appendix A to the CC, in competing for or in executing the Contract, then the Employer may, after giving 14 (fourteen) days written notice to the Contractor, terminate the Contract and expel him from the Site.
- 53.3 Notwithstanding the above, the Employer may terminate the Contract for convenience.
- 53.4 If the Contract is terminated, the Contractor shall stop work immediately, make the Site safe and secure, and leave the Site as soon as reasonably possible.
- 53.5 When either party to the Contract gives notice of a breach of Contract to the Project Manager for a cause other than those listed under CC 53.2 above, the Project Manager shall decide whether the breach is fundamental or not.

54. Payment upon Termination

- 54.1 If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Project Manager shall issue a certificate for the value of the work done and Materials ordered less advance payments received up to the date of the issue of the certificate and less the percentage specified in *CC* 2.21 to apply to the value of the work not completed. Additional Liquidated Damages shall not apply. If the total amount due to the Employer exceeds any payment due to the Contractor, the difference shall be a debt payable to the Employer.
- 54.2 If the Contract is terminated for the Employer's convenience or because of a fundamental breach of Contract by the Employer, the Project Manager shall issue a certificate for the value of the work done, Materials ordered, the reasonable cost of removal of Equipment, repatriation of the Contractor's personnel employed solely on the Works, and the Contractor's costs of protecting and securing the Works, and less advance payments received up to the date of the certificate.

55. Property

55.1 All Materials on the Site, Plant, Equipment, Temporary Works, and Works shall be deemed to be the property of the Employer if the Contract is terminated because of the Contractor's default.

56. Release from Performance

56.1 If the Contract is frustrated by the outbreak of war or by any other event entirely outside the control of either the Employer or the Contractor, the Project Manager shall certify that the Contract has been frustrated. The Contractor shall make the Site safe and stop work as quickly as possible after receiving this certificate and shall be paid for all work carried out before receiving it and for any work carried out afterwards to which a commitment was made.

57. Suspension of Bank Loan or Credit

- 57.1 In the event that the Bank suspends the Loan or Credit to the Employer, from which part of the payments to the Contractor are being made:
 - (a) The Employer is obligated to notify the Contractor of such suspension within 7 (seven) days of having received the Bank's suspension notice.
 - (b) If the Contractor has not received sums due to it within the 28 (twenty eight) days for payment provided for in **CC 39.1**, the Contractor may immediately issue a 14 (fourteen)-day termination notice.

APPENDIX A TO CONTRACT CONDITIONS

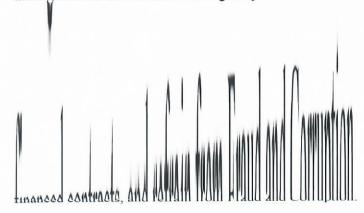
Fraud and Corruption (Text in this Appendix shall not be modified)

1. Purpose

1.1 The Bank's Anti-Corruption Guidelines and this annex apply with respect to procurement under Bank Investment Project Financing operations.

2. Requirements

2.1 The Bank requires that Borrowers (including beneficiaries of Bank financing); bidders (applicants/proposers), consultants, contractors and suppliers; any sub-contractors, sub-consultants, service providers or suppliers; any agents (whether declared or not); and any of their personnel, observe the highest standard of ethics during the procurement process, selection and contract execution of Bank-



2.2 To this end, the Bank:

- a. Defines, for the purposes of this provision, the terms set forth below as follows:
 - i. "corrupt practice" is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;
 - ii. "fraudulent practice" is any act or omission, including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain financial or other benefit or to avoid an obligation;
 - iii. "collusive practice" is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
 - "coercive practice" is impairing or harming, or threatening to impair or harm, directly
 or indirectly, any party or the property of the party to influence improperly the actions
 of a party;
 - v. "obstructive practice" is:
 - (a) deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a Bank investigation into allegations of a corrupt, fraudulent, coercive, or collusive practice; and/or threatening, harassing, or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or
 - (b) acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under paragraph 2.2 e. below.
- b. Rejects a proposal for award if the Bank determines that the firm or individual recommended for award, any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/ or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
- c. In addition to the legal remedies set out in the relevant Legal Agreement, may take other appropriate

Contract Forms

appropriate action satisfactory to the Bank to address such practices when they occur, including by failing to inform the Bank in a timely manner at the time they knew of the practices;

- d. Pursuant to the Bank's Anti- Corruption Guidelines and in accordance with the Bank's prevailing sanctions policies and procedures, may sanction a firm or individual, either indefinitely or for a stated period of time, including by publicly declaring such firm or individual ineligible (i) to be awarded or otherwise benefit from a Bank-financed contract, financially or in any other manner;1 (ii) to be a nominated2 sub-contractor, consultant, manufacturer or supplier, or service provider of an otherwise eligible firm being awarded a Bank-financed contract; and (iii) to receive the proceeds of any loan made by the Bank or otherwise to participate further in the preparation or implementation of any Bank-financed project;
- e. Requires that a clause be included in bidding/request for proposals documents and in contracts financed by a Bank loan, requiring (i) bidders(applicants/proposers), consultants, contractors, and suppliers, and their sub-contractors, sub-consultants, service providers, suppliers, agents personnel, permit the Bank to inspect³ all accounts, records and other documents relating to the procurement process, selection and/or contract execution, and to have them audited by auditors appointed by the Bank.

For the avoidance of doubt, a sanctioned party's ineligibility to be awarded a contract shall include, without limitation, (i) applying for prequalification, expressing interest in a consultancy, and bidding, either directly or as a nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider, in respect of such contract, and (ii) entering into an addendum or amendment introducing a material modification to any existing contract.

A nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider (different names are used depending on the particular bidding document) is one which has been: (i) included by the bidder in its pre-qualification application or bid because it brings specific and critical experience and know-how that allow the bidder to meet the qualification requirements for the particular bid; or (ii) appointed by the Borrower.

Inspections in this context usually are investigative (i.e., forensic) in nature. They involve fact-finding activities undertaken by the Bank or persons appointed by the Bank to address specific matters related to investigations/audits, such as evaluating the veracity of an allegation of possible Fraud and Corruption, through the appropriate mechanisms. Such activity includes but is not limited to: accessing and examining a firm's or individual's financial records and information, and making copies thereof as relevant; accessing and examining any other documents, data and information (whether in hard copy or electronic format) deemed relevant for the investigation/audit, and making copies thereof as relevant; interviewing staff and other relevant individuals; performing physical inspections and site visits; and obtaining third party verification of information.

Sample Letter of Award of Contract

[modify as appropriate]

[use letterhead paper of the Employer]

[date]
To: [name and address of the Contractor]
Subject: [Notification of Award Contract No]
This is to notify you that your Quotation dated [insert date] for execution of the [insert name of the contract and identification number, as given in the CC] for the Accepted Contract Amount of[insert amount in numbers and words and name of currency], as corrected and modified in accordance with the Request for Quotations is hereby accepted by our Agency.
Please find enclosed herewith the Contract. You are requested to sign the contract within 07 days.
"You are also requested to furnish a Performance Security within 28 days in accordance with the Conditions of the Contract, using for that purpose one of the Performance Security Forms attached to the Contract.
Authorized Signature:
Name and Title of Signatory:
Name of Agency:

Attachment: Contract

Performance Security - Bank Guarantee

[Guarantor letterhead or SWIFT identifier code]

Beneficiary: [insert name and Address of Employer]

Date: _[Insert date of issue]

PERFORMANCE GUARANTEE No.: [Insert guarantee reference number]

Guarantor: [Insert name and address of place of issue, unless indicated in the letterhead]

We have been informed that _ [insert name of Contractor, which in the case of a joint venture shall be the name of the joint venture] (hereinafter called "the Applicant") has entered into Contract No. [insert reference number of the contract] dated [insert date] with the Beneficiary, for the execution of _ [insert name of contract and brief description of Works] (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.

At the request of the Applicant, we as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of [insert amount in figures] (_______) [insert amount in words], such sum being payable in the types and proportions of currencies in which the Contract Price is payable, upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating that the Applicant is in breach of its obligation(s) under the Contract, without the Beneficiary needing to prove or to show grounds for your demand or the sum specified therein.

This guarantee shall expire, no later than the Day of, 2 cdot 2, and any demand for payment under it must be received by us at this office indicated above on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 Revision, ICC Publication No. 758, except that the supporting statement under Article 15(a) is hereby excluded.

[signature(s)]

Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product..

The Guarantor shall insert an amount representing the percentage of the Accepted Contract Amount specified in the Letter of Award of Contract less provisional sums, if any, and denominated either in the currency(ies) of the Contract or a freely convertible currency acceptable to the Beneficiary.

Insert the date twenty-eight days after the expected completion date as described in CC 49.1. The Employer should note that in the event of an extension of this date for completion of the Contract, the Employer would need to request an extension of this guarantee from the Guarantor. Such request must be in writing and must be made prior to the expiration date established in the guarantee. In preparing this guarantee, the Employer might consider adding the following text to the form, at the end of the penultimate paragraph: "The Guarantor agrees to a one-time extension of this guarantee for a period not to exceed [six months] [one year], in response to the Beneficiary's written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee."

Advance Payment Security

Demand Guarantee

[Guarantor letterhead or SWIFT identifier code]

Beneficiary: [Insert name and Address of Employer]

Date: [Insert date of issue]

ADVANCE PAYMENT GUARANTEE No.: [Insert guarantee reference number]

Guarantor: [Insert name and address of place of issue, unless indicated in the letterhead]

We have been informed that [insert name of Contractor, which in the case of a joint venture shall be the name of the joint venture] (hereinafter called "the Applicant") has entered into Contract No. [insert reference number of the contract] dated [insert date] with the Beneficiary, for the execution of [insert name of contract and brief description of Works] (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, an advance payment in the sum [insert amount in figures] () [insert amount in words] is to be made against an advance payment guarantee.

At the request of the Applicant, we as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of [insert amount in figures] (_______) [insert amount in words]¹ upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating either that the Applicant:

- (a) has used the advance payment for purposes other than the costs of mobilization in respect of the Works; or
- (b) has failed to repay the advance payment in accordance with the Contract conditions, specifying the amount which the Applicant has failed to repay.

A demand under this guarantee may be presented as from the presentation to the Guarantor of a certificate from the Beneficiary's bank stating that the advance payment referred to above has been credited to the Applicant on its account number [insert number] at [insert name and address of Applicant's bank].

The maximum amount of this guarantee shall be progressively reduced by the amount of the advance payment repaid by the Applicant as specified in copies of interim statements or payment certificates which shall be presented to us. This guarantee shall expire, at the latest, upon our receipt of a copy of the interim payment certificate indicating that ninety (90) percent of the Accepted Contract Amount, less provisional sums, has been certified for payment, or on the [insert day] day of [insert month], 2 [insert year], whichever is earlier. Consequently, any demand for payment under this guarantee must be received by us at this office on or before that date.

The Guarantor shall insert an amount representing the amount of the advance payment and denominated either in the currency(ies) of the advance payment as specified in the Contract, or in a freely convertible currency acceptable to the Employer.

Insert the expected completion date as described in CC 49.1. The Employer should note that in the event of an extension of the expected completion date of the Contract, the Employer would need to request an extension of this guarantee from the Guarantor. Such request must be in writing and must be made prior to the expiration date established in the guarantee. In preparing this guarantee, the Employer might consider adding the following text to the form, at the end of the penultimate paragraph: "The Guarantor agrees to a one-time extension of this guarantee for a period not to exceed [six months][one year], in response to the Beneficiary's written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee."

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 Revision, ICC Publication No. 758, except that the supporting statement under Article 15(a) is hereby excluded.

[signature(s)]

Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.