



OFFICE OF  
DIRECTOR GENERAL  
ANTIQUITIES & ARCHAEOLOGY  
CULTURE, TOURISM & ANTIQUITIES  
DEPARTMENT  
GOVERNMENT OF SINDH

**NOTICE INVITING TENDER (N.I.T.)**

The Office of Director General Antiquities & Archaeology Culture, Tourism & Antiquities Department, Government of Sindh, invites sealed tenders from well established, experienced and reputed firms/companies having technical experience & possessing their GST, PEC & NTN's for the following items / services for the financial year 2016-17 as per provision of SPPRA Rule 2010 (Amended -2013)  
(Single Stage – One Envelope)

NO:DG/(Ant&Arch)CT&AD-786A/2016-17 due on 03-05-2017

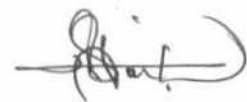
(In Million)

Sr. no	Name	Amount
1.	Conservation & Restoration of Ameerī Khaani Masjid Thatta	7.218
2.	Conservation & Restoration of Chokundi Grave yard Karachi	11.425
3.	Repair & Renovation of office of DG Antiquities & Archaeology at National Museum of Pakistan, Karachi	7.0430
4.	Conservation & Restoration of Qubba Mir Shadad, near Shadadpur Chakar, District Sanghar	31.510
5.	Conservation & Restoration of Tajar building, Bagah Jinnah, Larkana	7.955
6.	Conservation & Restoration of Two dome school Thatta	15.463

**TERMS & CONDITIONS:**

1. The interested firm can purchase the set of Blank tender document from the Office of Director General Antiquities & Archaeology, Culture, Tourism & Antiquities Department, National Museum of Pakistan, Strachan Road, Saddar Town Karachi from 18<sup>th</sup> -April-2017 to 03<sup>rd</sup> -May-2017 against payment of tender fee of Rs. 1000/= , (Non – refundable) for each tender in shape of pay order in favor of Sub-Engineer (Conservation) CT&AD GOS-Khi.(During office hours)
2. Tender documents duly filled in and supported with required documents should be dropped in the tender box kept in the Office of Director General Antiquities & Archaeology, Culture, Tourism & Antiquities Department, till 4<sup>th</sup>-May-2017 by 10: 30 a.m. which shall be open on 4<sup>th</sup>-May, 2017 at 11.00 a.m. in the presence of participating bidder(s) or their authorized representatives who wish to attend.
3. Rate quoted must be inclusive of all prevalent taxes.

4. Eligibility conditions are as per Sindh PPRA Rules, 2010, for tender participants are as under:
  - a). Registration with PEC Certificate from Engineering Council and have C-6 Category and have Codes BC-02, and CE-10.
  - b). Registration with Income Tax Department having National Tax Number (NTN) Certificate.
  - c). Registration with Sales Tax Department (GST) Certificate.
  - d). Registration with Sindh Revenue Board (SRB) (where applicable)
  - e). Undertaking on affidavit, that firm is not involved in any litigation or has not abandoned any work in any department.
  - f). Minimum three years' experience in relevant field.
  - g). Turn over 50% of estimated cost (In Million) in the last three years.
5. The bidders should submit earnest money @ 2% of the bid amount, in shape of pay order in favor of Sub Engineer (Conservation) CT&AD GOS-Khi , cash/cheque will not be considered.
6. No tenders shall be issued on the date of opening.
7. In case the tender is not opened on the scheduled date due to any unavoidable circumstances, then the same shall be opened on next working day.
8. Tender notice is also available at Sindh PPRA Website ([pprasindh.gov.pk](http://pprasindh.gov.pk)) & Antiquities website: <http://www.sindh.gov.pk/dpt/antiquities/>
9. The Authority reserves the right to accept or reject any bid / tender without assigning any reason.
10. For further assistance please contact 021-99212126 during office hours & working days.
11. Conditional / telegraphic tender will not be entertained.



(MUHAMMAD TANWEER)  
ASSISTANT ARCHEOLOGICAL  
ENGINEER



**ANNUAL PROCUREMENT PLAN (2016-17)**  
**(WORKS)**

(Under Rule 11 of Sindh Public Procurement Rule 2010, Amended 2013)

Name of Procuring Agency: **ANTIQUITIES & ARCHAEOLOGY,  
CULTURE, TOURISM & ANTIQUITIES DEPARTMENT**

OFFICE OF  
DIRECTOR GENERAL ANTIQUITIES & ARCHAEOLOGY  
CULTURE, TOURISM & ANTIQUITIES DEPARTMENT,  
GOVERNMENT OF SINDH, KARACHI.

Dated: / /2017

S.NO.	OBJECT NAME/CODES OF PROCUREMENT	TOTAL ESTIMATED COST	SOURCE OF FUNDS (ADP/NON ADP)	PROPOSED PROCUREMENT METHOD	TIMING OF PROCUREMENT				REMARKS
					1st Qtr.	2 <sup>nd</sup> Qtr.	3 <sup>rd</sup> Qtr.	4 <sup>th</sup> Qtr.	
1	DEPARTMENT OF ARCHEOLOGY & MUSEUM HYDERABAD - HB0306 A13 - TOTAL REPAIRS AND MAINTENANCE	20,000,000 20,000,000	Non-ADP	Single Stage - One Envelope			✓	✓	
2	DIRECTOR SINDH CIRCLE OF ARCHAEOLOGY HYDERABAD - HB0308 A13 - TOTAL REPAIRS AND MAINTENANCE	15,500,000 15,500,000	Non-ADP	Single Stage - One Envelope			✓	✓	
3	NATIONAL MUSEUM OF PAKISTAN KARACHI KQ-0738 A13 - TOTAL REPAIRS AND MAINTENANCE	15,550,000 15,550,000	Non-ADP	Single Stage - One Envelope			✓	✓	
4	DIRECTOR HERITAGE ANTIQUITIES DEPARTMENT KQ-0743 A13 - TOTAL REPAIRS AND MAINTENANCE	20,550,000 20,550,000	Non-ADP	Single Stage - One Envelope			✓	✓	
5	DIRECTOR ARCHAEOLOGY ANTIQUITIES DEPARTMENT KARACHI - KQ-0744 A13 - TOTAL REPAIRS AND MAINTENANCE	24,500,000 24,500,000	Non-ADP	Single Stage - One Envelope			✓	✓	
6	CONSERVATION OFFICER ANTIQUITIES DEPARTMENT - KQ-0745 A13 - TOTAL REPAIRS AND MAINTENANCE	31,500,000 31,500,000	Non-ADP	Single Stage - One Envelope			✓	✓	

	<b>IN-JO-DARO CONSERVATION</b> <b>OFFICE LARKANA - LN-0156</b> A13 - TOTAL REPAIRS AND MAINTENANCE	<b>4,500,000</b> 4,500,000	Non-ADP	Single Stage - One Envelope			✓	✓	
8	<b>WATER &amp; SOIL INVESTIGATION</b> <b>LABORATORY LN-0157</b> A13 - TOTAL REPAIRS AND MAINTENANCE	<b>8,750,000</b> 8,750,000	Non-ADP	Single Stage - One Envelope			✓	✓	



OFFICE OF DIRECTOR GENERAL  
ANTIQUITIES & ARCHAEOLOGY  
CULTURE, TOURISM & ANTIQUITIES DEPARTMENT  
GOVERNMENT OF SINDH

KARACHI DATED: 12/04/2017

**NOTIFICATION**

NO.SOG (CT&AD)/CC /2017: Purchase Committee-C / 2016-17: A *Purchase Committee* is hereby constituted for the *Office of Director General – Antiquities & Archaeology, Culture, Tourism & Antiquities Department, Government of Sindh*, under Rule-7, of Sindh Public Procurement Rules, 2010 for Capital Component i.e. Total Repair & Maintenance for the Financial Year 2016-17. The Committee shall consist of the following officers:-

1. **MR. MUHAMMAD TANWEER** Chairman  
Assistant Engineer (Archaeology)  
Culture, Tourism & Antiquities Department
2. **MR. ZAFFAR IQBAL** Member  
Deputy Director (S.C.U.G)  
Local Government Department,
3. **MR. ABDUL KARIM LASHARI** Member/Secretary  
Sub-Engineer (Conservation)  
Culture, Tourism & Antiquities Department

SECRETARY TO GOVERNMENT OF SINDH

No.SOG (CT&AD)/CC /2016 - 2017

Karachi dated the 12/04/2017

A copy is forwarded for information to:-

- The Accountant General Sindh, Karachi.
- The P.S to Minister, Culture, Tourism & Antiquities Department, Government of Sindh, Karachi.
- The P.S to Secretary, Culture, Tourism & Antiquities Department, Government of Sindh, Karachi.
- The officer concerned.
- Office Order File / Notification File.

  
(SECTION OFFICER (GENERAL))  
CULTURE, TOURISM & ANTIQUITIES DEPT.  
GOVERNMENT OF SINDH



OFFICE OF DIRECTOR GENERAL  
ANTIQUITIES & ARCHAEOLOGY  
CULTURE, TOURISM & ANTIQUITIES DEPARTMENT  
GOVERNMENT OF SINDH

KARACHI DATED: 12/04/2017

NOTIFICATION

NO.SOG (CT&AD)/ *CRC* /2017: Complaint Redressal Committee -C / 2016-17:  
A *Complaint Redressal Committee (CRC)* is hereby constituted for the *Office Of Director General – Antiquities & Archaeology, Culture, Tourism & Antiquities Department, Government of Sindh* in pursuance of Rules-31 and 32 of Sindh Public Procurement Rules 2010, comprising of the following officers for scrutinizing the complaints of aggrieved bidders of procurement process of Financial Year 2016-17 for Capital Components i.e. 1. Total Repair & Maintenance.

1. **Mr. Roshan Ali Kanasro** Chairman  
Director DPDW-Sindh  
Culture, Tourism & Antiquities Department
2. **Representative of AG Office / DAO,** Member  
Office of Accountant General Sindh Karachi
3. **Mr. Ashraf Hussain Ansari,** Member/Secretary  
Section Office (General)  
Culture, Tourism & Antiquities Department


SECRETARY TO GOVERNMENT OF SINDH

No.SOG (CT&AD)/ *CRC* /2017

Karachi dated the 12/04/2017

A copy is forwarded for information to:-

- PS to Minister for Culture, Tourism & Antiquities Department, Government of Sindh.
- PS to Secretary for Culture, Tourism & Antiquities Department, Government of Sindh.
- The officer concerned.
- Office Order File / Notification File.

  
(SECTION OFFICER (GENERAL))  
CULTURE, TOURISM & ANTIQUITIES DEPT.  
GOVERNMENT OF SINDH

**Office of**  
**Director General of Antiquities & Archaeology**



**BIDDING DOCUMENT NO. 01**

**CONSERVATION AND RESTORATION OF**  
**AMEERI KHAANI MASJID THATTA**

ISSUED TO : \_\_\_\_\_

**Culture, Tourism & Antiquities Department**  
**Govt. of Sindh, Karachi**

**CONSERVATION AND RESTORATION OF**  
**AMEERI KHAANI MASJID THATTA**

**ABSTRACT**

**PART A CIVIL ITEMS**  
**NON-SCHEDULE ITEMS**

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
1	Taking out / removing loose and deteriorated lime plaster with very carefully. During the removing it should be ensured that the intact portion saves from any destruction. Surplus stuff dispose off far from the site as per direction of the site in-charge.	1662.00		Sft	
2	1 ½" to 2" thick on average lime plaster in two layers and strengthened with white lime cream and finished in two coats. The top surface shall be finished with lime cream to strengthen the surface. The layers shall be compacted with wooden thapies. The mortar for the finished coat will be of fine consistency and strengthened with chopped jute i.e. ½ seer per mds. This also includes curing with sweet water and removing the surplus stuff from the site as per direction of site in charge. For making mortar sweet water shall be used.	1662.00		Sft	
3	1/8" thick Pucca Qalai Plaster over plaster surface with lime cream very carefully including compacting curing and rubbing with sange Jarrah etc, complete.	1662.00		Sft	
4	Provision for providing and laying plain Kashi tiles varying size of approved make and shade laid in lime Chiroli mortar over ¾" thick bedding lime mortar in arches, arch niches, drum, dome and in panels etc, including treatment of joints with lime slurry mixing of pigments for matching color.	1141.50		Sft	



5	Taking out / removing loose and deteriorated burnt brick terracotta tiles with very carefully. During the removing it should be ensured that the intact portion saves from any destruction. Useable material should be stacked at proper place for re-use and surplus stuff dispose off far from the site as per direction of the site in-charge.	1836.00		Cft	
6	Fine and cut dressed and rubbed 1st class burnt tiles in special size 9" x 6" x 2" and wedge shaped plain kashi tiles 9" x 4 1/2" x 1" laid in lime mortar fastened with core by 1/4" dia dowel bar 12" apart after every 5 courses of brick tiles.	2712.00		Sft	
7	Provision for providing of country brick masonry with 1st class solid burnt brick tiles in special size laid in lime chiroli and surkhi mortar with dur care / attention to the restoration of original future of the walls. The new work must be matched with old / original.	3500.00		Cft	
8	Providing & laying flooring with 1" thick tile of size average 8"X8"X1" as per original laid in chiroli mortar 1:2 including treatment of the joints with chiroli slurry of matching color.	545.25		Sft	
9	History Board of Size 4' x 3' on Steel Board , fixed on ground with pipe dia of 3" with complete specifications.	1.00		P-Job	
10	Cleaning stone slabs face of grave with blotting paper and mild chemical detergent with distilled water to be prepared in original stone position.	52.00		Sft	
11	Pointing (Lime slaked+sand)	1794.00		Sft	
12	Reconstruction of Pinapet of dome top resemblance with old one.	1.00		P-Job	
13	Ammonia solution cleaning of exposed painting surface	2800.00		Sft	
14	Restoring the missing and fresco paintings in floral as per original layout after its detailed study.	2200.00		Sft	
15	Repair & Fixing of old door window shutter with new burma teak wood 1-1/2" removing & fitting of shutter i/c repair of chowkat with new wooden pieces on hinges cut.	17.50		Sft	

16	Providing and fixing in position deodar wooden door as per Mughal design 3" thick with 4 No. vertical battens (6x4) 15 ¼' and 20 No. Horizontal battens (6x4) 5½" on the back complete spills, rails and hinges etc.	24.50		Sft	
17	Cleaning of walls of monuments / domes /stone with blotting paper and mild chemical detergent with distilled water.	254.00		Sft	
18	Re-assembling of sarcophagus structure leveling dressing , excavation and using lime mortar 1:2 over 3/4" thick bas of 1:2 lime and sand.	43.50		Sft	
19	Rough Chisels dressing of lime Stone members in required sizes for laying fine dressing and fine carving purpose. Cost of stone and loading, unloading charges at site is included	55.50		Sft	
20	Fine Chisels dressing of quarried Jandoti Stone members in original sizes for laying fine carving and laying purpose.	67.50		Sft	
21	Fine Carving and tracery work in floral and geometrical designs to adjoining structure and in original pattern over the fine dress stone members	92.00		Sft	
22	Underpinning the underground portion with special size fine brick masonry laid in lime mortar including removal of rubbish from the site as per direction of site in charge.	160.00		Cft	
			<b>Total 1</b>	=	
<b>Plinth Protection</b>					
<b>Schedule Items</b>					
1	Excavation in foundation of building and bridged and other structures including dig belling, dressing filling around structure with excavated earth watering & ramming lead upto one chain an lift upto 5 ft: in ordinary soil with very carefully without damaging or any sort of damage to adjoining the old structure.	459.00	7.18	Cft	3295.62
2	Providing and laying 1:4:8 cement concrete bed under floor using graded stone ballast 2" and down gauge with leveling ramming watering and curing etc. complete.	114.75	87.07	Cft	9991.28

3	Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing at stone aggregate) Ratio 1:2:4	114.75	144.29	Cft	16557.28
4	Pacca brick work in foundation and plinth in: Lime sand mortar 1:2	688.50	122.97	Cft	84664.85
5	Cement plaster 1:4 1/2" thick upto 12' height	459.00	22.83	Sft	10478.97
			Total	=	124988.00
Above / Below _____ % =					
			Total 2	=	
TOTAL A = Total 1 + Total 2					=

**PART B ELECTRICALTEMS  
SCHEDULE ITEMS**

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
1	Wiring for light or fan point with 3/.029 PVC insulated wire in 20mm (3/4") PVC conduit on surface as required. i/123 p-15	4.00	797.00	Per Point	3188.00
2	Providing & fixing Brass Ceiling fan 48" (good quality). i/234 p-34	3.00	3020.00	P. No.	9060.00
3	Providing Saviour Phillips 25 Watt.	8.00	280.00	P. No.	2240.00
		TOTAL		=	14488.00
Above / Below _____ % =					
TOTAL 1 =					

**NON-SCHEDULE ITEMS**

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
1	Supplying and installation LED Flood Light 25 watts with complete wiring.	4.00		Each	
		TOTAL 2		=	
TOTAL B = TOTAL 1 + TOTAL 2 =					

**PART C MISCELLANEOUS ITEMS**  
**NON-SCHEDULE ITEMS**

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
1	Supply of Carpet with traditional masjid style	440.00		Sft	
2	Supply of wall clock Showing Nimaz timings	1.00		Each	
		<b>TOTAL C</b>		=	

**CONSERVATION AND RESTORATION OF**  
**AMEERI KHAANI MASJID THATTA**

SUMMARY		
S.NO	ITEMS	AMOUNT
1	PART A (CIVIL ITEMS)	
2	PART B (ELECTRICAL ITEMS)	
3	PART C (MISCELLANEOUS ITEMS)	
	<b>TOTAL</b>	
	<b>SAY IN MILLION</b>	

**CONTRACTOR**  
**SEAL & SIGNATURE**

**ASSISTANT ARCHEOLOGICAL**  
**ENGINEER**

**Office of**  
**Director General of Antiquities & Archaeology**



**BIDDING DOCUMENT NO. 02**

**CONSERVATION AND RESTORATION OF**  
**CHOKUNDI GRAVE YARD KARACHI**

ISSUED TO : \_\_\_\_\_

**Culture, Tourism & Antiquities Department**  
**Govt. of Sindh, Karachi**

**CONSERVATION AND RESTORATION OF CHOKUNDI  
GRAVE YARD KARACHI**

**ABSTRACT**

**COMPONENT A: CONSERVATION WORKS**

**NON-SCHEDULE ITEMS**

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
1	Ammonia solution cleaning of exposed painting surface.	180.00		Sft	
2	Taking out / removing loose and deteriorated lime plaster with very carefully. During the removing it should be ensured that the intact portion saves from any destruction. Surplus stuff dispose off far from the site as per direction of the site in-charge.	3572.00		Sft	
3	1 ½" to 2" thick on average lime plaster in two layers and strengthened with white lime cream and finished in two coats. The top surface shall be finished with lime cream to strengthen the surface. The layers shall be compacted with wooden thapies. The mortar for the finished coat will be of fine consistency and strengthened with chopped jute i.e. ½ seer per mds. This also includes curing with sweet water and removing the surplus stuff from the site as per direction of site in charge. For making mortar sweet water shall be used.	4784.00		Sft	
4	Taking out carefully dislodged / bulged out stones from the graves and grave plate farms including documentation, numbering of each stone after taking out stone members that should be stored stacked at proper and suitable place	1600.00		Cft	

5	Re-assembling of detached / dislodged / bulged out / fallen / partly collapsed loose stone grave with old / original dressed and carved stone slabs laid in lime mortar, similar to the original the visible surface of the joints should be treated with same matching color	2200.00		Cft	
6	Placing missing pieces of Crenellation with resemblance of old one.	150.00		P-Sft	
7	Cleaning of Jungshai Stones (SONDA STONE) on walls of monuments / domes with blotting paper and mild chemical detergent with distilled water to be prepared in original stone position.	12480.00		P-Sft	
8	Carving on stone in different shapes and sizes of members / pieces fixing at different places in chowkandies i/c cost of fixing in position, all labour, sundries etc. complete in all respects.	224.00		Sft	
9	Disposal of moorum/building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10 km for all lifts, complete as per directions of Engineer-in-charge.	7250.90		Cft	
10	Jungle clearance and removing within 100 feet. (b) Thick.	1659.00		Sft	
11	Restoration of stone slabs members of grave presently scattered in the grave yard including missing stone.	1245.00		Sft	

Total = \_\_\_\_\_



**COMPONENT B: OFFICE BUILDING****PART A (CIVIL ITEMS)****SCHEDULE ITEMS**

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
1	Earth work excavation in irrigation channels, drains etc, dressed to designed section grades and profiles excavated material disposed off and dressed within 50 ft. lead. (a) Ordinary Soil I/5 a p-1	300.00	2420.00	% 0 Cft	726.00
2	Cement concrete brick or stone ballast 1 1/2" to 2" gauge.(b) Ratio 1 : 4 : 8p-15 i/4 b	39.00	9416.28	%Cft	3672.35
3	Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing at stone aggregate without shuttering. (f) Ratio. 1:2 :4 i/5 f p-5	360.00	14429.25	% Cft	51945.30
4	(a) Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.) (b) Using Tor bars. P-17 i/8 b	24.00	5001.70	Per Cwt	120040.80
5	Reinforced cement concrete work including all labor and material except the cost of steel reinforcement and its labor for bending and binding which will be paid separately. This rate also includes all kinds of forms molds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle.) (I) Ratio (1 : 2: 4 ) 90 Lbs.cement 2 Cft. Sand 4 Cft. Shingle 1/8" to 1/4" gauge. p-15 i/6	2513.00	337	Cft	846881.00

6	Providing and laying 1 :3 : 6 Cement concrete solid Block masonry set in 1 :6 cement sand mortar in plinth and foundation including raking out joints and curing etc. complete.P-19 i/22	1278.00	14268.53	% Cft	182351.81
7	Cement plaster 1:2 upto 12' height. ( c) 3/4" thick. P-9 i/9-c	1968.00	3056.62	% Sft	60154.28
8	Providing & fixing color Crete to wall surface to provide, durable crust and aesthetics having thickness upto 3/4" with specified color having water, fire and termite resistance (upto 20' -0 height). P-56 i/44	1704.00	6319.50	% Sft	107684.28
9	Preparing the surface and painting with weather coat I/c rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. P-55 i/38 A	1704.00	1328.25	% Sft	22633.38
10	First class deodar wood wrought, joinery in doors and windows etc, fixed in position including chowkats hold fasts hinges, iron tower bolts, chocks cleats, handles and cords with hooks, etc. (a) 2" thick p-57 i/7	229.00	1336.59	Sft	306079.11
11	French polishing complete. (b) On old work. P-70 i/7	6400.00	1952.5	% Sft	124960.00
12	Providing and laying 1" thick topping cement concrete (1:2:4 ) including Surface finishing and dividing into panels:(a) 1" thickp-41 i/16 a	80.00	1915.13	% Sft	1532.10
13	Two coats of bitumen laid hot using 34 Lbs for % Sft. over roof and blinded with sand at one Cft. Per % Sft. P-34 i/13	1000.00	1887.4	% Sft	18874.00

14	Providing and laying 1" thick topping cement concrete (1:2:4) including Surface finishing and dividing into panels: (c.) 2" thick	1000.00	3275.5	% Sft	32755.00
15	Cast iron rain water down pipe fixed in place excluding heads and shoes but including painting and clamps etc. (a) 4" dia cast iron down pipe p-22 i/36	1920.00	423.13	Rft	812409.60
16	Laying white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints. P-42 i/28b				
	(b) 1" thick flooring	200.00	628.93	Sft	125786.00
	(a) 3/4" thick flooring.	6400.00	567.48	Sft	3631872.00
17	Laying floors of approved colored glazed tiles 1/4" thick laid in white cement and pigment on a bed of 3/4" thick cement mortar 1:2. P-42 i/25	24.00	27747.06	% Sft	6659.29
18	White glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4" thick including finishing. P-44, i/37	552.00	28253.61	% Sft	155959.93
		TOTAL		=	6612976.24
		Above / Below _____%		=	
		TOTAL CIVIL ITEMS =			

**PART B (ELECTRICAL ITEMS)**

**SCHEDULE ITEMS**

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
1	Wiring for light or fan point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. I/124	12.00	1130	P-Point	13560.00
2	Providing & fixing DP I/C change over switch 500volts 15amp on a prepared board p-194	4.00	2411.5	P-No.	9646.00

3	Providing & fixing Brass Ceiling fan 48'' (good quality i/124	8.00	3020	P-No.	24160.00
TOTAL				=	47366.00
Above / Below				% =	
TOTAL 1 =					

#### NON-SCHEDULE ITEMS

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
1	Supplying and installation of LED Light	8.00		P-No	
2	Supplying and installation of flood 50 watt Light	12.00		P-No	
TOTAL 2				=	
TOTAL ELECTRICAL ITEMS = TOTAL 1 + TOTAL 2				=	

#### PART C (PLUMBING ITEMS)

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
1	Providing & fixing European white glazed earthen ware wash down w.c pan complete with and I/c the cost of white/black plastic seat (Best Quality ) and lid with c.P brass hinges and buffers, 3 gallons white glazed earthen earthen ware low level flushing cistern with siphon fitting 1-1/2" dia white porcelain enameled flush bend 3/4" dia and making requisite number of holes in walls, plinth and floor for Pipe connections and making good in cement concrete 1: 2: 4. (Foreign Quality).	3.00	11477.4	Each	34432.20

2	Providing & fixing 24" x 18" lavatory basin in white glazed earthen ware complete with & I/c the cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coat after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malleable iron or C.P brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1: 2: 4 (Standard pattern).	3.00	4253.7	Each	12761.10
3	Providing & fixing chrome plated brass towel rail complete with brackets fixing on wooden cleats with 1" long c.p brass screws. (I) Towel rail 36" long (b) 3/4" dia round or square (Superior quality).	3.00	1412.95	Each	4238.85
4	Providing & fixing 24" x 18" beveled edge mirror of Belgium glass complete with 1/8" thick hard board and c.p screws fixed to wooden pleat. (b) superior Quality.	3.00	2376	Each	1440.00
5	Supplying & fixing soap tray earthen ware with c.p screws etc. complete.	3.00	497.2	Each	1491.60
6	Providing G.I Pipes, specials, and clamps etc, including fixing cutting & fitting complete with and I/c the cost of breaking through walls and roof, making good etc. painting two coats after cleaning the Pipe etc. with white zinc paint with pigment to match the colors of the building and testing with water to a pressure head of 200 feet and handling.				
	(I) 1/2" dia G.I Pipe	30.00	73.21	Rft.	2196.30
	(iii) 1" dia G.I Pipe	45.00	128.55	Rft.	5784.75

7	Providing & fixing C.P brass shower rose with or 3/3" inlet (with detachable lid) (b) 4" dia ( Superior Quality)	3.00	259.38	Each	778.14
8	(a) Supplying & fixing C.P Muslim Shower with double Bib cock & ring Pipe etc complete.	3.00	3432	Each	10296.00
9	Supplying & fixing fiber glass tank of approved quality and design and wall thickness as specified I/c cost of nuts, bolts and fixing in platform of cement concrete 1: 3: 6 and making connections for in -let & out let & over flow pipes etc. complete. (c) 500 gallons wall thickness 4.5 mm	1.00	37505.42	Each	37505.42
			TOTAL	=	110924.36
Above / Below _____ % =					
TOTAL PLUMBING ITEMS =					

#### **Part D (MISCELLANEOUS ITEMS)**

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
1	Supply of office table of size 3' x 4' with complete locking system and side table	4.00		Each	
2	Supplying of Revolving High Back chairs of Rexene of Suitable color.	4.00		P-No.	
4	Supplying of office Slim Visitor Chair of Rexene of Suitable color.	8.00		P-No.	
5	Supplying of office Racks having four boxes made of steel.	6.00		P-No.	
6	Supplying of office shelves made of steel.	6.00		P-No.	
7	Plantation of different types of plants in garden. With complete (rate also include rate of sweet earth with proper filling) (Market Rate)	48.00	7200.00	P-No.	345600.00

8	Supplying and fixing of curtains.	250.00		Sft	
9	Supplying and installation of Dawlance Inspire Plus Inverter 30 1.5 Ton with staplizer.	1.00		P-No	
10	Supply of Computer Core i7 Hp Company with keyboard, mouse & power cables.	2.00		P-No	
11	Supply of Black & white Printer Hp Laser jet with complete specifications.	2.00		P-No	
12	Supply of Color Printer Hp Laser jet with complete specifications.	1.00		P-No	

**TOTAL MISCELLANEOUS ITEMS** = \_\_\_\_\_

**Component B: Office Building**

SR. No.	ITEM		AMOUNT
1	PART A (CIVIL ITEMS)	=	
2	PART B (ELECTRICAL ITEMS)	=	
3	PART C (PLUMBING ITEMS)	=	
4	Part D (MISCELLANEOUS ITEMS)	=	
<b>TOTAL</b>		=	

**CONSERVATION AND RESTORATION OF CHOKUNDI  
GRAVE YARD KARACHI**

SUMMARY		
S.NO	ITEMS	AMOUNT
1	COMPONENT A: CONSERVATION WORKS	
2	COMPONENT B: OFFICE BUILDING	
	TOTAL	
	SAY IN MILLION	

**CONTRACTOR**  
SEAL & SIGNATURE

**ASSISTANT ARCHEOLOGICAL  
ENGINEER**



**Office of**  
**Director General of Antiquities & Archaeology**



**BIDDING DOCUMENT NO. 03**

**REPAIR & RENOVATION OF OFFICE OF DG**  
**ANTIQUITIES & ARCHAEOLOGY AT**  
**NATIONAL MUSEUM OF PAKISTAN, KARACHI**

ISSUED TO : \_\_\_\_\_

**Culture, Tourism & Antiquities Department**  
**Govt. of Sindh, Karachi**

**REPAIR & RENOVATION OF OFFICE OF DG ANTIQUITIES & ARCHAEOLOGY AT  
NATIONAL MUSEUM OF PAKISTAN, KARACHI**

**ABSTRACT**

Sr. No.	Item	Quantity	Rate	Unit	Amount
<b>PART A (New Construction)</b>					
1	Excavation in foundation of Building Bridges and other structures including dag belling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5 ft. (b) In ordinary soil. i/18, P-4	483.60	3176.25	% 0 Cft	1536.03
2	Cement concrete brick or stone ballast 1 1/2" to 2" gauge. (b) Ratio 1 : 4 : 8 i/4 (b), P-15	152.60	9416.28	%Cft	14369.24
3	Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing at stone aggregate without shuttering. (f) Ratio. 1:2 :4 i/5 (f), P-16	401.20	14429.25	% Cft	57890.15
4	Providing and laying 1 :3 : 6 Cement concrete solid Block masonry set in 1 :6 cement sand mortar in plinth and foundation including raking out joints and curing etc. complete. i/22 P-19	311.40	14268.53	% Cft	44432.20
5	Fixing corrugated galvanized iron sheets with G.I bolts, nuts, limpet and bitumen washers, wind ties complete in all respect without valleys and ridges.(b) 22 B.W.Gi/16 P-36	330.00	12643.44	% Sft	41723.35
6	Cement plaster 1:2 upto 12' height. (b) 1/2" thick. i/9 P-51	595.20	2496.72	% Sft	14860.48

7	Preparing the surface and painting with matt finish I/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zinc /chalk / plaster of Paris mixture, applying first coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc: complete .(new surface). i/36A P-55	912.40	1989.62	% Sft	18153.29
8	Preparing the surface and painting with weather coat I/c rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. i/38A p-56	415.20	1328.25	% Sft	5514.89
9	First class deodar wood wrought, joinery in doors and windows etc, fixed in position including chowkat hold fasts hinges, iron tower bolts, chocks cleats, handles and cords with hooks, etc. (a) 2" thick i/7 P-58	51.00	1336.59	Sft	68166.09
10	French polishing complete. (a) On new work. i/7 P-71	102.00	3841.75	% Sft	3918.59
11	Supplying & fixing in position Aluminum channels framing for sliding windows & ventilators of Alcop made with 5 mm thick tinted glass glazing (Belgium) & Aluminum fly screen I/c handles stoppers & locking arrangement etc. complete.(a) Deluxe model (White)i/84a p-107	48.00	1592.69	Sft	76449.12
12	(b) Precast reinforced cement concrete in columns, beams lintels stair cases, shelves, etc. (I) Ratio 1 : 2: 4 i/6(b), P-17	330.00	309.78	Cft	102227.40

13	First class tile roofing consisting of 4" earth and 1" mud plaster with Gobri leeping over 1/2" thick cement plaster 1:6 with 34 Lbs. Of hot bitumen coating sand blinded provided over 2 layers of tiles 12" x 6" x 1 1/4" laid in 1:6 cement mortar with 1/2" thick sand witched layer of 1:6 cement mortar including 1:2 cement pointing underside of tiles complete including curing etc. i/1 P-33	497.20	11443.10	% Sft	56895.09
14	Providing and laying 1" thick topping cement concrete (1:2:4 ) including Surface finishing and dividing into panels: (a) 1" thick i/16(a), P-42	497.20	1915.13	% Sft	9522.03
15	Jungle clearance and removing within 100 feet. (b) Thick. I/4 P-94	600.00	151.25	% Sft	907.50
16	Supplying and fixing commercial ply wood 3- ply in panels including supplying and making deodar wood 2nd class frame work for partition walls.i/55 p-64	208.00	39232.62	% Sft	81603.85
17	(a) Cutting to required sizes and fixing glass panes with putty. i/47 p-64	112.00	23.47	Sft	2628.64
18	Providing and fixing bitumen felt paper of 60 Lbs over roof I/c cleaning of roof with wire brush an removing dust, applying bitumen coat at the rate of 34 Lbs per % sft as premix inter coats and then laying felt paper with 10% over laps, then applying and spreading hill sand at the rate of 1 cft for 100 sft. The cost also i/c necessary fire material, kerosene oil, wood etc i/41 p-32	497.20	54.70	Sft	27196.84
19	Supplying & fixing in position iron/steel grill of 3/4" x 1/4" size flat iron of approved design including painting 3 coats etc. complete (weight not to be less than 3.7 Lbs./Sq . Foot of finished grill). i/26 p-92	48.00	180.50	Sft	8664.00

20	Tile (size 9" x 4 1/2" x 1 1/2") laid flat in 1:3 cement mortar over a bed of 3/4" thick cement mortar 1:6. i/12 p-41	36.00	3952.85	Sft	142302.60
				<b>TOTAL A=</b>	<b>778961.39</b>
<b>Above / Below</b>				<b>=</b>	
				<b>TOTAL A =</b>	

**PART B (ROAD)**

Sr. No.	Item	Quantity	Rate	Unit	Amount
1	<b>Earth Work (Formation)</b> Earth work for road embankment by bulldozers including plugging mixing clod breaking dressing and compacting with optimum moisture contents lead upto 100' and lift upto 5' in all type of soil except rock. 85-100% Density W.E.L (1-0 Mile)	1395.60	7723.95	% Cft	107795.45
2	<b>Sub Base Course</b> Preparing sub base course by supplying and spreading stone metal 1"-1 1/2" gauge of approved quality from approved quarry in required thickness to proper camber and grade including hand packing, filling voids with 20cft pit/canal sand and having plasticity index not more than 6% suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes all cost of materials, T&P and carriage up to site of work.	2791.20	9124.06	% Cft	254670.76
3	<b>Base Course</b> Preparing Base course by supplying and spreading stone metal of approved quality properly graded to maximum size 1-1 1/2" in required thickness to proper camber and grade including supplying and spreading 15 cft: screening & non plastic quarry fines filling depressions with stone metal after initial rolling including watering and compacting the same as to achieve 100% density as per modified AASHO specification. (Rate includes providing & using Templates, screen, forms as directed). (Rate includes all cost of materials T&P and carriage upto site of work)	1395.60	10400.61	% Cft	145150.91

4	<b>Ist Coat</b> Providing surface dressing Ist coat on new or existing surface with 30lbs of bitumen of 80- 100 and penetration 4.0 Cft crush bajri of 3/8"-3/4" gauge including cleaning the road surface rolling after each coat etc complete. Rate includes all cost of materials T&P and carriage upto site of work T&P and carriage upto site of work.	1395.60	1681.88	% Sft	23472.32
4	<b>1" thick Carpet</b> Providing 1" thick (consolidated) premixed carpet in proper camber and grade including supply 10 Cft Crush Bajri and 4 Cft hill sand of approved quality and gauge with 67 lbs of 80-100 penetration including mixing in mechanical mixture in required proportion heating the bitumen of material and cleaning to road surface. Rate includes all cost of materials T&P and carriage upto site of work.	1395.60	1807.17	Sft	2522086.45
				<b>TOTAL =</b>	3053175.89
				<b>Above / Below _____ % =</b>	
				<b>TOTAL B =</b>	

### PART C (ELECTRIC WORKS)

#### Non-Schedule Items

Sr. No.	Item	Quantity	Rate	Unit	Amount
1	Providing & fixing Brass Ceiling fan 56" (good quality) i/235 p-34	8.00		P-No	
2	Light-emitting diode of 20 watt in tube style with complete wiring.	22.00		P-No	
3	Wiring for light or fan point with 3/.029 PVC insulated wire in 20mm (3/4") PVC conduit on surface as required. i/123 p-15	5.00		P-No	
4	Providing and fixing MASTER LED spot 4w with complete wiring as suggest by Site In charge.	20.00		P-No	
5	Supplying and fixing submerged led lights having suitable color of 10 watt	10.00		P-No	
6	Supplying and fixing of FCP Fountain Centrifugal Pump with complete pipe fitting for fountain having specifications of: Size Suction x Discharge of 1 1/4" x	1.00		P-No	

1".Output HP 1.Head (max) Feet:30/97.Flow Rate (Capacity) LPM/IGMP(max) 145/32.				
			<b>TOTAL C =</b>	

#### PART D (PLUMBING WORKS)

##### Schedule Items

Sr. No.	Item	Quantity	Rate	Unit	Amount
1	Providing & fixing European white glazed earthen ware wash down w.c pan complete with and I/c the cost of white/black plastic seat (Best Quality ) and lid with c.P brass hinges and buffers, 3 gallons white glazed earthen ware low level flushing cistern with siphon fitting 1-1/2" dia white porcelain enameled flush bend 3/4" dia and making requisite number of holes in walls, plinth and floor for Pipe connections and making good in cement concrete 1: 2: 4. (Foreign Quality).	3.00	11477.4	Each	34432.20
2	Providing & fixing 24" x 18" lavatory basin in white glazed earthen ware complete with & I/c the cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coast after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malleable iron or c.P brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1: 2: 4 (Standard pattern).	3.00	4253.7	Each	12761.10
3	Providing & fixing chrome plated brass towel rail complete with brackets fixing on wooden cleats with 1" long c.p brass screws. (I) Towel rail 36" long (b) 3/4" dia round or square (Superior quality).	3.00	1412.95	Each	4238.85
4	Providing & fixing 24" x 18" beveled edge mirror of Belgium glass complete with 1/8" thick hard board and c.p screws fixed to wooden pleat. (b) Superior Quality.	3.00	2376	Each	1440.00
5	Supplying & fixing soap tray earthen ware with c.p screws etc. complete.	3.00	497.2	Each	1491.60

6	Providing G.I Pipes, specials, and clamps etc, including fixing cutting & fitting complete with and I/c the cost of breaking through walls and roof, making good etc. painting two coats after cleaning the Pipe etc. with white zinc paint with pigment to match the colour5 of the building and testing with water to a pressure head of 200 feet and handling.				
	(I) 1/2" dia G.I Pipe	30.00	73.21	Rft	2196.30
	(iii) 1" dia G.I Pipe	45.00	128.55	Rft	5784.75
7	Providing & fixing C.P brass shower rose with or 3/3" inlet (with detachable lid) (b) 4" dia ( Superior Quality)	3.00	259.38	Each	778.14
8	(a) Supplying & fixing C.P Muslim Shower with double Bib cock & ring Pipe etc complete.	3.00	3432	Each	10296.00
				<b>TOTAL =</b>	<b>73418.94</b>
				Above / Below _____ %	=
				<b>TOTAL PART D =</b>	

#### PART E (MISCELLANEOUS)

##### Non Schedule Items

Sr. No.	Item	Quantity	Rate	Unit	Amount
1	Supplying and fixing of carpet in floor with suitable material with Samand Bond. (Market Rate)	737.20		Sft	
2	Supplying of office table having size of (3.5' x 2.5'). (Market Rate)	8.00		P-No	
3	Supplying of Revolving High Back chairs of Rexene of Suitable color.	8.00		P-No	
4	Supplying of office Slim Visitor Chair of Rexene of Suitable color. (Market Rate)	16.00		P-No	
5	Supplying of office Racks having four boxes made of steel.(Market Rate)	16.00		P-No	
6	Supplying of office shelves made of steel.	5.00		P-No	
7	Plantation of different types of plants in garden. With complete (rate also include rate of sweet earth with proper filling) (Market Rate)	36.00		P-No	
8	Supplying and fixing of curtains.	1800.00		Sft	
9	Supply and installation of sign boards with directions and name of office.	4.00		P-No	
10	Supplying and installation of Dawlance Inspire Plus Inverter 30 1.5 Ton with	4.00		P-No	



	Stuplizer.				
11	Supply of Computer Core i7 Hp Company with keyboard, mouse & power cables.	6.00		P-No	
12	Supply of Black & white Printer Hp Laser jet with complete specifications.	6.00		P-No	
13	Supply of Color Printer Hp Laser jet with complete specifications.	3.00		P-No	
<b>TOTAL PART E</b>				<b>=</b>	

**REPAIR & RENOVATION OF OFFICE OF DG ANTIQUITIES &  
ARCHAEOLOGY AT  
NATIONAL MUSEUM OF PAKISTAN, KARACHI**

SUMMARY		
S.NO	ITEMS	AMOUNT
1	PART A (NEW CONSTRUCTION)	
2	PART B (ROAD)	
3	PART C (ELECTRIC WORKS)	
4	PART D (PLUMBING WORKS)	
5	PART E (MISCELLANEOUS)	
	TOTAL SAY RS	
	Say In Millions	

**CONTRACTOR**  
SEAL & SIGNATURE

**ASSISTANT ARCHEOLOGICAL  
ENGINEER**

**Office of**  
**Director General of Antiquities & Archaeology**



**BIDDING DOCUMENT NO. 04**

**CONSERVATION AND RESTORATION OF QUBBA MIR**  
**SHADAD, NEAR SHADADPUR CHAKAR**  
**DISTRICT SANGHAR**

ISSUED TO : \_\_\_\_\_

**Culture, Tourism & Antiquities Department**  
**Govt. of Sindh, Karachi**

CONSERVATION AND RESTORATION OF QUBBA MIR SHADAD, NEAR  
SHADADPUR CHAKAR DISTRICT SANGHAR.

**ABSTRACT**

**Component A: Masjid-1**

**PART A (CIVIL ITEMS)**

**NON-SCHEDULE ITEMS**

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
1	Taking out / removing loose and deteriorated lime plaster with very carefully. During the removing it should be ensured that the intact portion saves from any destruction. Surplus stuff dispose off far from the site as per direction of the site in-charge.	3752.00		Sft	
2	1 ½" to 2" thick on average lime plaster in two layers and strengthened with white lime cream and finished in two coats. The top surface shall be finished with lime cream to strengthen the surface. The layers shall be compacted with wooden thapies. The mortar for the finished coat will be of fine consistency and strengthened with chopped jute i.e. ½ seer per mds. This also includes curing with sweet water and removing the surplus stuff from the site as per direction of site in charge. For making mortar sweet water shall be used.	8332.00		Sft	
3	1/8" thick Pucca Qalai Plaster over plaster surface with lime cream very carefully including compacting curing and rubbing with Sang-e-Jarrah etc, complete. RA-2 B	8332.00		Sft	
4	Ammonia solution cleaning of exposed painting surface.	720.00		Sft	
5	Provision for providing and laying plain Kashi tiles varying size of approved make and shade laid in lime Chirolu mortar over ¾" thick bedding lime mortar in arches, arch niches, drum, dome and in panels etc, including treatment of joints with lime slurry mixing of pigments for matching colour. RA-4	1836.50		Sft	

6	Taking out / removing loose and deteriorated burnt brick terracotta tiles with very carefully. During the removing it should be ensured that the intact portion saves from any destruction. Useable material should be stacked at proper place for re-use and surplus stuff dispose off far from the site as per direction of the site in-charge.	2586.00		Cft	
7	Provision for providing of country brick masonry with 1st class solid burnt brick tiles in special size laid in lime chirolu and surkhi mortar with dur care / attention to the restoration of original future of the walls. The new work must be matched with old / original.	2840.00		Cft	
8	Providing & laying flooring with 1" thick tile of size average 8"X8"X1" as per original laid in chirolu mortar 1:2 including treatment of the joints with chirolu slurry of matching color.	1078.80		Sft	
9	Providing and fixing imposition deodar wooden door as per Mughal design 3" thick with 4 No. vertical battens (6x4) 15 ¼" and 20 No. Horizontal battens (6x4) 5½" on the back complete spills, rails and hinges etc.	98.60		Sft	
10	Re-assembling of sarcophagus structure leveling dressing , excavation and using lime mortar 1:2 over ¾" thick bas of 1:2 lime and sand.	24.00		Sft	
11	Re-assembling of sarcophagus structure leveling dressing , excavation and using lime mortar 1:2 over ¾" thick bas of 1:2 lime and sand.	230.00		Sft	
12	Rough Chisels dressing of lime Stone members in required sizes for laying fine dressing and fine carving purpose. Cost of stone and loading, unloading charges at site is included	7.50		Sft	
13	Fine Chisels dressing of quarried Jandoti Stone members in original sizes for laying fine carving and laying purpose.	7.50		Sft	
14	Fine Carving and tracery work in floral and geometrical designs to adjoining structure and in original pattern over the fine dress stone members	7.50		Sft	

15	Underpinning the underground portion with special size fine brick masonry laid in lime mortar including removal of rubbish from the site as per direction of site in charge.	80.00		Cft	
		TOTAL		=	

**PART B (ELECTRICAL ITEMS)**

**SCHEDULE ITEMS**

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
1	Wiring for light or fan point with 3/.029 PVC insulated wire in 20mm (3/4") PVC conduit on surface as required. i/123 p-15	14.00	797.00	Per Point	11158
2	Providing & fixing Brass Ceiling fan 48" (good quality). i/234 p-34	3.00	3020.00	P. No.	9060
3	Providing Savor Phillips 25 Watt.	10.00	280.00	P. No.	2800
		TOTAL		=	23018
Above / Below _____ % =					
TOTAL					

**Component A: MASJID-1**

SR. No.	ITEM		AMOUNT
1	PART A (CIVIL ITEMS)	=	
2	PART B (ELECTRICAL ITEMS)	=	
TOTAL		=	

**Component B: Masjid-2****PART A (CIVIL ITEMS)****NON-SCHEDULE ITEMS**

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
1	Taking out / removing loose and deteriorated lime plaster with very carefully. During the removing it should be ensured that the intact portion saves from any destruction. Surplus stuff dispose off far from the site as per direction of the site in-charge.	3752.00		Sft	
2	1 ½" to 2" thick on average lime plaster in two layers and strengthened with white lime cream and finished in two coats. The top surface shall be finished with lime cream to strengthen the surface. The layers shall be compacted with wooden thapies. The mortar for the finished coat will be of fine consistency and strengthened with chopped jute i.e. ½ seer per mds. This also includes curing with sweet water and removing the surplus stuff from the site as per direction of site in charge. For making mortar sweet water shall be used.	6692.00		Sft	
3	1/8" thick Pucca Qalai Plaster over plaster surface with lime cream very carefully including compacting curing and rubbing with Sang-e-Jarrah etc, complete.	6692.00		Sft	
4	Ammonia solution cleaning of exposed painting surface.	800.00		Sft	
5	Provision for providing and laying plain Kashi tiles varying size of approved make and shade laid in lime Chiroli mortar over ¾" thick bedding lime mortar in arches, arch niches, drum, dome and in panels etc, including treatment of joints with lime slurry mixing of pigments for matching colour.	1932.50		Sft	
6	Taking out / removing loose and deteriorated burnt brick terracotta tiles with very carefully. During the removing it should be ensured that the intact portion saves from any destruction. Useable material should be stacked at proper place for re-use and surplus stuff dispose off far from the site as per direction of the site in-charge.	2586.00		Cft	

7	Provision for providing of country brick masonry with 1st class solid burnt brick tiles in special size laid in lime chiroti and surkhi mortar with dur care / attention to the restoration of original future of the walls. The new work must be matched with old / original.	2840.00		Cft	
8	Providing & laying flooring with 1" thick tile of size average 8"X8"X1" as per original laid in chiroti mortar 1:2 including treatment of the joints with chiroti slurry of matching color.	1102.40		Sft	
9	Providing and fixing imposition deodar wooden door as per Mughal design 3" thick with 4 No. vertical battens (6x4) 15 1/4" and 20 No. Horizontal battens (6x4) 5 1/2" on the back complete spills, rails and hinges etc.	102.60		Sft	
10	Re-assembling of sarcophagus structure leveling dressing , excavation and using lime mortar 1:2 over 3/4" thick bas of 1:2 lime and sand.	34.00		Sft	
11	Re-assembling of sarcophagus structure leveling dressing , excavation and using lime mortar 1:2 over 3/4" thick bas of 1:2 lime and sand.	222.00		Sft	
12	Rough Chisels dressing of lime Stone members in required sizes for laying fine dressing and fine carving purpose. Cost of stone and loading, unloading charges at site is included	828.00		Sft	
13	Fine Chisels dressing of quarried Jandoti Stone members in original sizes for laying fine carving and laying purpose.	1400.00		Sft	
14	Fine Carving and tracery work in floral and geometrical designs to adjoining structure and in original pattern over the fine dress stone members	120.00		Sft	
15	Underpinning the underground portion with special size fine brick masonry laid in lime mortar including removal of rubbish from the site as per direction of site incharge.	305.30		Cft	

TOTAL = \_\_\_\_\_



PART B (ELECTRICAL ITEMS)

SCHEDULE ITEMS

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
1	Wiring for light or fan point with 3/.029 PVC insulated wire in 20mm (3/4") PVC conduit on surface as required. i/123 p-15	15.00	797.00	Per Point	11955
2	Providing & fixing Brass Ceiling fan 48" (good quality). i/234 p-34	3.00	3020.00	P. No.	9060
3	Providing Saviour Phillips 25 Watt.	12.00	280.00	P. No.	3360
		TOTAL		=	24375
		Above / Below _____		% =	
				TOTAL =	

**Component B: MASJID-2**

SR. No.	ITEM		AMOUNT
1	PART A (CIVIL ITEMS)	=	
2	PART B (ELECTRICAL ITEMS)	=	
	TOTAL	=	

**Component C: Resetting Of Graves****PART A (CIVIL ITEMS)****NON-SCHEDULE ITEMS**

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
1	Restoration of stone slabs members of grave presently scattered in the grave yard including missing stone.	1440.00		Sft	
2	Re-assembling of stone masonry platform wall of any thickness as required at site of chaukandi and graves including missing stone as per direction of site incharge.	2340.00		Sft	
3	Resetting of loose bricks and replacing the decayed once with burnt bricks of same size in mud mortar. The binding mortar should be free from salt and raking out joints for matching out with adjoining structure.	7280.00		Cft	
4	1 ½" to 2" thick on average lime plaster in two layers and strengthened with white lime cream and finished in two coats. The top surface shall be finished with lime cream to strengthen the surface. The layers shall be compacted with wooden thapias. The mortar for the finished coat will be of fine consistency and strengthened with chopped jute i.e. ½ seer per mds. This also includes curing with sweet water and removing the surplus stuff from the site as per direction of site in charge. For making mortar sweet water shall be used.	9620.00		Sft	
		TOTAL		=	

**Component C: RESETTING OF GRAVES**

SR. No.	ITEM		AMOUNT
1	PART A (CIVIL ITEMS)	=	
	<b>TOTAL</b>	=	

**Component D: Tomb of Tego Faqeer****PART A (CIVIL ITEMS)****NON-SCHEDULE ITEMS**

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
1	Taking out / removing loose and deteriorated lime plaster with very carefully. During the removing it should be ensured that the intact portion saves from any destruction. Surplus stuff dispose off far from the site as per direction of the site in-charge.	1500.00		Sft	
2	1 ½" to 2" thick on average lime plaster in two layers and strengthened with white lime cream and finished in two coats. The top surface shall be finished with lime cream to strengthen the surface. The layers shall be compacted with wooden thapies. The mortar for the finished coat will be of fine consistency and strengthened with chopped jute i.e. ½ seer per mds. This also includes curing with sweet water and removing the surplus stuff from the site as per direction of site in charge. For making mortar sweet water shall be used.	3388.00		Sft	
3	Ammonia solution cleaning of exposed painting surface.	280.00		Sft	
4	Resetting of loose bricks and replacing the decayed once with burnt bricks of same size in mud mortar. The binding mortar should be free from salt and raking out joints for matching out with adjoining structure.	5082.00		Cft	
5	Providing & laying flooring with 3" thick finely dressed Sonda stone slabs of size average 12X12X4 as per original laid in chirolu mortar 1:2 including treatment of the joints with chirolu slurry of matching color.	400.00		Sft	
6	1/8" thick Pucca Qalai Plaster over plaster surface with lime cream very carefully including compacting curing and rubbing with sang-e-Jarrah etc, complete.	720.00		Sft	
			TOTAL	=	

### Component D: Tomb of Tego Faqeer

SR. No.	ITEM		AMOUNT
1	PART A (CIVIL ITEMS)	=	
<b>TOTAL</b>		=	

### Component E: Pavilion

#### PART A (CIVIL ITEMS)

#### NON-SCHEDULE ITEMS

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
1	Taking out / removing loose and deteriorated lime plaster with very carefully. During the removing it should be ensured that the intact portion saves from any destruction. Surplus stuff dispose off far from the site as per direction of the site in-charge.	925.00		Sft	
2	1 ½" to 2" thick on average lime plaster in two layers and strengthened with white lime cream and finished in two coats. The top surface shall be finished with lime cream to strengthen the surface. The layers shall be compacted with wooden thapies. The mortar for the finished coat will be of fine consistency and strengthened with chopped jute i.e. ½ seer per mds. This also includes curing with sweet water and removing the surplus stuff from the site as per direction of site in charge. For making mortar sweet water shall be used.	1625.00		Sft	
3	Placing missing pieces of Crenellation with resemblance of old one.	444.00		P-Sft	
4	Cleaning of Jungshai Stones (SONDA STONE) on walls of monuments / domes with blotting paper and mild chemical detergent with distilled water to be prepared in original stone position.	12480.00		P-Sft	
5	Provision for providing of country brick masonry with 1st class solid burnt brick tiles in special size laid in lime chiroli and surkhi mortar with dur care / attention to the restoration of original future of the walls. The new work must be matched with old / original.	6400.00		Cft	

6	Carving on stone in different shapes and sizes of members / pieces fixing at different places in chowkandies i/c cost of fixing in position, all labour, sundries etc. complete in all respects. RA-13	188.00		Sft	
		TOTAL		=	

### Component E: Pavilion

SR. No.	ITEM		AMOUNT
1	PART A (CIVIL ITEMS)	=	
TOTAL		=	

### Component F: Pavilion -2

#### PART A (CIVIL ITEMS)

#### NON-SCHEDULE ITEMS

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
1	Cleaning of Jungshai Stones (SONDA STONE) on walls of monuments / domes with blotting paper and mild chemical detergent with distilled water to be prepared in original stone position.	12480.00		P-Sft	
2	Provision for providing of country brick masonry with 1st class solid burnt brick tiles in special size laid in lime chirolu and surkhi mortar with dur care / attention to the restoration of original future of the walls. The new work must be matched with old / original.	6400.00		Cft	
3	Carving on stone in different shapes and sizes of members / pieces fixing at different places in chowkandies i/c cost of fixing in position, all labour, sundries etc. complete in all respects. RA-13	188.00		Sft	
TOTAL			=		

### Component F: Pavilion-2

SR. No.	ITEM		AMOUNT
1	PART A (CIVIL ITEMS)	=	
TOTAL		=	

**Component G: Office Building****PART A (CIVIL ITEMS)****SCHEDULE ITEMS**

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
1	Earth work excavation in irrigation channels, drains etc, dressed to designed section grades and profiles excavated material disposed off and dressed within 50 ft. lead. (a) Ordinary Soil I/5 a p-1	144.00	2420.00	% 0 Cft	348.48
2	Cement concrete brick or stone ballast 1 1/2" to 2" gauge. (b) Ratio 1 : 4 : 8 p-15 i/4 b	39.00	9416.28	%Cft	3672.35
3	Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing at stone aggregate without shuttering. (f) Ratio. 1:2 :4 i/5 f p-5	39.00	14429.25	% Cft	5627.41
4	(a) Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.) (b) Using Tor bars. P-17 i/8 b	66.00	5001.70	Per Cwt	330112.20
5	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle.) (I) Ratio (1 : 2: 4 ) 90 Lbs.cement 2 Cft. Sand 4 Cft. Shingle 1/8" to 1/4" gauge. p-15 i/6	4713.00	337	Cft	1588281.00
6	Providing and laying 1 :3 : 6 Cement concrete solid Block masonry set in 1 :6 cement sand mortar in plinth and foundation including raking out joints and curing etc. complete. P-19 i/22	1278.00	14268.53	% Cft	182351.81

7	Cement plaster 1:2 upto 12' height. (c) 3/4" thick. P-9 i/9-c	3408.00	3056.62	% Sft	104169.61
8	Providing & fixing color Crete to wall surface to provide, durable crust and aesthetics having thickness upto 3/4" with specified color having water, fire and termite resistance (upto 20' -0 height). P-56 i/44	1704.00	6319.50	% Sft	107684.28
9	Preparing the surface and painting with weather coat I/c rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. P-55 i/38 A	1704.00	1328.25	% Sft	22633.38
10	First class deodar wood wrought, joinery in doors and windows etc, fixed in position including chowkats hold fasts hinges, iron tower bolts, chocks cleats, handles and cords with hooks, etc. (a) 2" thick p-57 i/7	229.00	1336.59	Sft	306079.11
11	French polishing complete. (b) On old work. P-70 i/7	229.00	1952.5	% Sft	4471.23
12	Providing and laying 1" thick topping cement concrete (1:2:4) including Surface finishing and dividing into panels: (a) 1" thick p-41 i/16 a	1000.00	1915.13	% Sft	19151.30
13	Two coats of bitumen laid hot using 34 Lbs for % Sft. Ober roof and blinded with sand at one Cft. Per % Sft. P-34 i/13	1000.00	1887.4	% Sft	18874.00
14	Providing and laying 1" thick topping cement concrete (1:2:4) including Surface finishing and dividing into panels: (c.) 2" thick	1000.00	3275.5	% Sft	32755.00
15	Cast iron rain water down pipe fixed in place excluding heads and shoes but including painting and clamps etc. (a) 4" dia cast iron down pipe p-22 i/36	9.00	423.13	Rft	3808.17
16	Laying white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints. P-42 i/28b				

	(b) 1" thick flooring	720.00	628.93	Sft	452829.60
	(a) 3/4" thick flooring.	50.00	567.48	Sft	28374.00
17	Laying floors of approved colored glazed tiles 1/4" thick laid in white cement and pigment on a bed of 3/4" thick cement mortar 1:2. P-42 i/25	96.00	27747.06	% Sft	26637.18
18	White glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4" thick including finishing. P-44, i/37	552.00	28253.61	% Sft	155959.93
		TOTAL CIVIL ITEMS		=	3393820.03
		Above / Below _____		% =	
				TOTAL =	

**PART B (ELECTRICAL ITEMS)**

**SCHEDULE ITEMS**

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
1	Wiring for light or fan point with 3/.029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. I/124	12.00	1130	P-Point	13560.00
2	Providing & fixing DP I/C change over switch 500volts 15amp on a prepared board p-194	4.00	2411.5	P-No.	9646.00
3	Providing & fixing Brass Ceiling fan 48" (good quality i/124	8.00	3020	P-No.	24160.00
		TOTAL		=	47366.00
		Above / Below _____		% =	
				TOTAL 1 =	

**NON-SCHEDULE ITEMS**

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
1	Supplying and installation of LED Light	8.00		P-No	
2	Supplying and installation of flood 50 watt Light	12.00		P-No	
		TOTAL 2		=	
		TOTAL B = TOTAL 1 + TOTAL 2		=	



**PART C (PLUMBING ITEMS)**

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
1	Providing & fixing European white glazed earthen ware wash down w.c pan complete with and I/c the cost of white/black plastic seat (Best Quality ) and lid with C.P brass hinges and buffers, 3 gallons white glazed earthen earthen ware low level flushing cistern with siphon fitting 1-1/2" dia white porcelain enameled flush bend 3/4" dia and making requisite number of holes in walls, plinth and floor for Pipe connections and making good in cement concrete 1: 2: 4. (Foreign Quality).	3.00	11477.4	Each	34432.20
2	Providing & fixing 24" x 18" lavatory basin in white glazed earthen ware complete with & I/c the cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coat after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malleable iron or C.P brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1: 2: 4 (Standard pattern).	3.00	4253.7	Each	12761.10
3	Providing & fixing chrome plated brass towel rail complete with brackets fixing on wooden cleats with 1" long c.p brass screws. (I) Towel rail 36" long (b) 3/4" dia round or square (Superior quality).	3.00	1412.95	Each	4238.85
4	Providing & fixing 24" x 18" beveled edge mirror of Belgium glass complete with 1/8" thick hard board and c.p screws fixed to wooden pleat. (b) Superior Quality.	3.00	2376	Each	1440.00
5	Supplying & fixing soap tray earthen ware with C.P screws etc. complete.	3.00	497.2	Each	1491.60

6	Providing G.I Pipes, specials, and clamps etc, including fixing cutting & fitting complete with and I/c the cost of breaking thorough walls and roof, making good etc. painting two coats after cleaning the Pipe etc. with white zink paint with pigment to match the colour5 of the building and testing with water to a pressure head of 200 feet and handling.				
	(I) 1/2" dia G.I Pipe	30.00	73.21	Rft	2196.30
	(iii) 1" dia G.I Pipe	45.00	128.55	Rft	5784.75
7	Providing & fixing C.P brass shower rose with or 3/3" inlet (with detachable lid) (b) 4" dia ( Superior Quality)	3.00	259.38	Each	778.14
8	(a) Supplying & fixing C.P Muslim Shower with double Bib cock & ring Pipe etc complete.	3.00	3432	Each	10296.00
9	Supplying & fixing fiber glass tank of approved quality and design and wall thickness as specified I/c cost of nutes, bolts and fixing in platform of cement concrete 1: 3: 6 and makin connections for in -let ,& out-let & over flow pipes etc. complete. (c) 500 gallons wall thickness 4.5 mm	1.00	37505.42	Each	37505.42
		<b>TOTAL</b>		=	<b>110924.36</b>
		Above / Below _____		% =	
				<b>TOTAL =</b>	

### Component F: Office Building

SR. No.	ITEM		AMOUNT
1	PART A (CIVIL ITEMS)	=	
2	PART B (ELECTRICAL ITEMS)	=	
3	PART C (PLUMBING ITEMS)	=	
<b>TOTAL</b>		=	

**Component G: Miscellaneous Items****PART A**

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
1	Supply of office Table of size 3' x 4' with complete locking system and side table	4.00		Each	
2	Supplying of Revolving High Back chairs of Rexene of Suitable color.	4.00		P-No.	
4	Supplying of office Slim Visitor Chair of Rexene of Suitable color.	8.00		P-No	
5	Supplying of office Racks having four boxes made of steel.	6.00		P-No	
6	Supplying of office shelves made of steel.	6.00		P-No	
7	Plantation of different types of plants in garden. With complete (rate also include rate of sweet earth with proper filling	36.00		P-No	
8	Supplying and fixing of curtains.	500.00		Sft	
9	Supplying and installation of Dawlance Inspire Plus Inverter 30 1.5 Ton with staplizer.	4.00		P-No	
10	Supply and installation of sign boards with directions and name of office.	4.00		P-No	
11	Supplying and installation of Dawlance Inspire Plus Inverter 30 1.5 Ton with staplizer.	4.00		P-No	
12	Supply of Computer Core i7 Hp Company with keyboard, mouse & power cables.	4.00		P-No	
13	Supply of Black & white Printer Hp Laser jet with complete specifications.	4.00		P-No	
14	Supply of Color Printer Hp Laser jet with complete specifications.	1.00		P-No	
		<b>TOTAL</b>		=	

**Component G: Miscellaneous Items**

SR. No.	ITEM		AMOUNT
1	PART A (MICELLANEOUS ITEMS)	=	
<b>TOTAL</b>		=	

**CONSERVATION AND RESTORATION OF QUBBA MIR SHADAD,  
NEAR SHADADPUR CHAKAR DISTRICT SANGHAR**

SUMMARY		
S.NO	ITEMS	AMOUNT
1	Component A: Masjid-1	
2	Component B: Masjid-2	
3	Component C: Resetting Of Graves	
4	Component D: Tomb of Tego Faqeer	
5	Component E: Pavilion-1	
6	Component F: Pavilion-2	
7	Component G: Office Building	
8	Component H: Miscellaneous Items	
	SAY IN RS	
	SAY IN MILLION	

**CONTRACTOR**  
SEAL & SIGNATURE

**ASSISTANT ARCHEOLOGICAL  
ENGINEER**

**Office of**  
**Director General of Antiquities & Archaeology**



**BIDDING DOCUMENT NO. 05**

**CONSERVATION AND RESTORATION OF**  
**TAJAR BUILDING, BAGAH JINNAH, LARKANA**

ISSUED TO : \_\_\_\_\_

**Culture, Tourism & Antiquities Department**  
**Govt. of Sindh, Karachi**

**CONSERVATION AND RESTORATION OF TAJAR BUILDING,  
BAGAH JINNAH, LARKANA**

**ABSTRACT**

**PART A (CIVIL ITEMS)**

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
<b>NON-SCHEDULE ITEMS</b>					
1	Cleaning stone slabs face of grave with blotting paper and mild chemical detergent with distilled water to be prepared in original stone position.	408.00		Sft	
2	Provision for providing and laying plain Kashi tiles varying size of approved make and shade laid in lime Chirolu mortar over ¾" thick bedding lime mortar in arches, arch niches, drum, dome and in panels etc, including treatment of joints with lime slurry mixing of pigments for matching color.	845.12		Sft	
3	Providing & laying flooring with 3" thick finely dressed Sonda stone slabs of size average 12" x 12" x 4" as per original laid in chirolu mortar 1:2 including treatment of the joints with chirolu slurry of matching color	2170.60		Sft	
4	Providing and fixing ornamental chirolu jali 2" thick (1:2:4).	12.00		Sft	
5	Taking out / removing loose and deteriorated lime plaster with very carefully. During the removing it should be ensured that the intact portion saves from any destruction. Surplus stuff dispose off far from the site as per direction of the site in-charge.	4525.6		Sft	
6	1 ½" to 2" thick on average lime plaster in two layers and strengthened with white lime cream and finished in two coats. The top surface shall be finished with lime cream to strengthen the surface. The layers shall be compacted with wooden thapies. The mortar for the finished coat will be of fine consistency and strengthened with chopped jute i.e. ½ seer per mds. This also includes curing with sweet water and removing the surplus stuff from the site as per direction of site in charge. For making mortar sweet water shall be used.	4525.6		Sft	

7	Ammonia solution cleaning of exposed painting surface.	2592.00		Sft	
8	Sign Board (History Board)	Job		Job	
9	Underpinning the underground portion with special size fine brick masonry laid in lime mortar including removal of rubbish from the site as per direction of site incharge.	864.00		Cft	
		TOTAL A		=	

### SCHEDULE ITEMS

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
1	French polishing complete. (b) On old work. i/7 p-71	49.03	1952.50	% Sft	957.33
2	Providing and laying 1" thick topping cement concrete (1:2:4 ) including Surface finishing and dividing into panels: (a) 1" thick i/16 p-42	2592.00	1915.13	% Sft	49640.17
3	Providing & fixing cement paving blocks flooring having size of 197 x 97 x 60 (mm) of city / quddra / cobble shape with natural colors, having strength b/w 5000 psi to 8500 psi I/c filling the joints with hill sand and laying in specified manner /pattern and design etc: complete. i/71 p-49	5033.50	199.77	P.Sft	1005542.30
4	Supplying & fixing in position iron/steel grill of 3/4" x 1/4" size flat iron of approved design including painting 3 coats etc. complete (weight not to be less than 3.7 Lbs./Sq . Foot of finished grill). i/26 p-93	1314.25	180.50	P.Sft	237222.13
5	Turfing lawns (excluding cost of turf) i/43 p-103	6528.00	272.25	% Sft	17772.48
6	Installation of P.V.C GEO-Membrane. 0.75 MM Thick Membrane i/12 c p-74	2080.00	63.32	P. Sft	131705.60
7	Providing and laying 1" thick topping cement concrete (1:2:4 ) including Surface finishing and dividing into panels: (c.) 2" thick i/16c p-42	2080.00	3275.50	% Sft	68130.40
		TOTAL		=	1510970.40
		Above / Below		% =	
		TOTAL B =			

TOTAL PART A (CIVIL ITEMS) =

**PART B (ELECTRICAL ITEMS)**

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
<b>SCHEDULE ITEMS</b>					
1	Providing & fixing 125 watts (HPMV) chowk @ the height as per site Requirement & instruction of engineer in charge. i/172 p-27	4.00	1020.00	P-No.	4080
2	Providing & Fixing of street light 125 watts (HPMV) having IP54 classification with 125w lamp, choke, capacitor & Internal wiring complete in all respect at the height up to 31ft as per site requirement and instruction of EI. i/159 p-25	12.00	6365.00	P-No.	76380
3	Wiring for plug point with 3/.029 PVC insulated wire in 20mm (3/4'') channel patti on surface as required.	6.00	742.00	P. Point	4452
4	Wiring for light or fan point with 3/.029 PVC insulated wire in 20mm (3/4'') PVC conduit recessed in the wall or column as required. i/124 p-15	12.00	1130.00	P. Point	13560
TOTAL				=	98472
Above / Below				% =	

**PART B (ELECTRICAL ITEMS) =**

**Part C (Miscellaneous Items)**

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
<b>NON-SCHEDULE ITEMS</b>					
1	Supplying of office table having size of (3.5' x 2.5').	2.00		P-No.	
2	Supplying of Revolving High Back chairs of Rexene of Suitable color.	2.00		P-No.	
3	Supplying of office Slim Visitor Chair of Rexene of Suitable color.	4.00		P-No.	
4	Supplying of office shelves made of steel.	3.00		P-No.	
5	Supplying and installation of Dawlance Inspire Plus Inverter 30 1.5 Ton with staplizer.	4.00		P-No	



6	Supply of Computer Core i7 Hp Company with keyboard, mouse & power cables.	2.00		P-No	
7	Supply of Black & white Printer Hp Laser jet with complete specifications.	2.00		P-No	
8	Supply of Colour Printer Hp Laser jet with complete specifications.	1.00		P-No	
		<b>Total</b>		=	

**CONSERVATION AND RESTORATION OF  
TAJAR BUILDING, BAGAH JINNAH, LARKANA**

SUMMARY		
S.NO	ITEMS	AMOUNT
1	Part A Civil Items	
2	Part B Electrical items	
3	Part C Miscellaneous Items	
		SAY IN RS
		SAY IN MILLION

**CONTRACTOR**  
SEAL & SIGNATURE

**ASSISTANT ARCHEOLOGICAL  
ENGINEER**

**Office of**  
**Director General of Antiquities & Archaeology**



**BIDDING DOCUMENT NO. 06**

**CONSERVATION AND RESTORATION OF**  
**TWO DOME SCHOOL THATTA**

ISSUED TO : \_\_\_\_\_

**Culture, Tourism & Antiquities Department**  
**Govt. of Sindh, Karachi**

**CONSERVATION AND RESTORATION OF TWO DOME SCHOOL  
THATTA**

**ABSTRACT**

**Component A. Conservation Work**

**PART A CIVIL ITEMS**

**NON-SCHEDULE ITEMS**

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
1	Disposal of moorum/building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10 km for all lifts, complete as per directions of Engineer-in-charge	15940.00		Cft	
2	Taking out / removing loose and deteriorated lime plaster with very carefully. During the removing it should be ensured that the intact portion saves from any destruction. Surplus stuff dispose off far from the site as per direction of the site in-charge.	14464.00		Sft	
3	1 ½" to 2" thick on average lime plaster in two layers and strengthened with white lime cream and finished in two coats. The top surface shall be finished with lime cream to strengthen the surface. The layers shall be compacted with wooden thapies. The mortar for the finished coat will be of fine consistency and strengthened with chopped jute i.e. ½ seer per mds. This also includes curing with sweet water and removing the surplus stuff from the site as per direction of site in charge. For making mortar sweet water shall be used.	14464.00		Sft	
4	Pointing (Lime slaked+sand)	10584.00		Sft	
5	Provision for providing and laying plain Kashi tiles varying size of approved make and shade laid in lime Chiroli mortar over ¾" thick bedding lime mortar in arches, arch niches, drum , dome and in panels etc, including treatment of joints with lime slurry mixing of pigments for matching color.	5682.00		Sft	

6	Taking out / removing loose and deteriorated burnt brick terracotta tiles with very carefully. During the removing it should be ensured that the intact portion saves from any destruction. Useable material should be stacked at proper place for re-use and surplus stuff dispose off far from the site as per direction of the site in-charge.	17808.00		Cft	
7	Provision for providing of country brick masonry with 1st class solid burnt brick tiles in special size laid in lime chirolu and surkhi mortar with due care / attention to the restoration of original future of the walls. The new work must be matched with old / original.	2376.00		Sft	
8	Providing & laying flooring with 1" thick tile of size average 8"X8"X1" as per original laid in chirolu mortar 1:2 including treatment of the joints with chirolu slurry of matching color.	600.00		Sft	
9	1/8" thick Pucca Qalai Plaster over plaster surface with lime cream very carefully including compacting curing and rubbing with sang-e-Jarrah etc, complete.	10857.69		Sft	
10	First class teak wood wrought, joinery in doors and windows etc fixed in position i/c chowkats hold fasts, hinges, iron, tower bolts, chocks, cleats, handles and cords with hooks etc, teak paneled or paneled and glazed or fully glazed.	327.40		Sft	
11	Underpinning the underground portion with special size fine brick masonry laid in lime mortar including removal of rubbish from the site as per direction of site incharge.	896.00		Cft	
			<b>TOTAL</b>	<b>=</b>	

**PART B ELECTRICAL ITEMS  
SCHEDULE ITEMS**

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
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1	Wiring for light or fan point with 3/.029 PVC insulated wire in 20mm (3/4") PVC conduit on surface as required. i/123 p-15	15.00	797.00	Per Point	11955.00
2	Providing & fixing Brass Ceiling fan 48" (good quality). i/234 p-34	3.00	3020.00	P. No.	9060.00
3	Providing Saviour Phillips 25 Watt.	12.00	280.00	P. No.	3360.00
<b>TOTAL</b>			=		<b>24375.00</b>
<b>Above / Below</b>			% =		
<b>Total B =</b>					

**PART C (PLUMBING ITEMS)**

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
1	Providing & fixing European white glazed earthen ware wash down w.c pan complete with and I/c the cost of white/black plastic seat (Best Quality ) and lid with c.P brass hinges and buffers, 3 gallons white glazed earthen ware low level flushing cistern with siphon fitting 1-1/2" dia white porcelain enameled flush bend 3/4" dia and making requisite number of holes in walls, plinth and floor for Pipe connections and making good in cement concrete 1: 2: 4. (Foreign Quality).	2.00	11477.40	Each	22954.80
2	Providing & fixing 24" x 18" lavatory basin in white glazed earthen ware complete with & I/c the cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coat after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malleable iron or c.P brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1: 2: 4 (Standard pattern).	2.00	4253.70	Each	8507.40
3	Providing & fixing chrome plated brass towel rail complete with brackets fixing on wooden cleats with 1" long c.p brass screws. (I) Towel rail 36" long (b) 3/4" dia round or square (Superior quality).	2.00	1412.95	Each	8507.40

4	Providing & fixing 24" x 18" beveled edge mirror of Belgium glass complete with 1/8" thick hard board and C.P screws fixed to wooden pleat. (b) superior Quality.	2.00	2376.00	Each	1440.00
5	Supplying & fixing soap tray earthen ware with c.p screws etc. complete.	2.00	497.20	Each	994.40
6	Providing G.I Pipes, specials, and clamps etc, including fixing cutting & fitting complete with and I/c the cost of breaking through walls and roof, making good etc. painting two coats after cleaning the Pipe etc. with white zinc paint with pigment to match the colour of the building and testing with water to a pressure head of 200 feet and handling.				
	(I) 1/2" dia G.I Pipe	30.00	73.21	Rft	2196.30
	(iii) 1" dia G.I Pipe	23.00	128.55	Rft	2956.65
7	Providing & fixing C.P brass shower rose with or 3/3" inlet (with detachable lid) (b) 4" dia ( Superior Quality)	2.00	259.38	Each	518.76
8	(a) Supplying & fixing C.P Muslim Shower with double Bib cock & ring Pipe etc complete.	2.00	3432.00	Each	6864.00
9	Supplying & fixing fiber glass tank of approved quality and design and wall thickness as specified I/c cost of nuts, bolts and fixing in platform of cement concrete 1: 3: 6 and making connections for in -let ,& ou-let & over flow pipes etc. complete. (c) 500 gallons wall thickness 4.5 mm	1.00	37505.42	Each	37505.42
<b>TOTAL</b>				=	<b>92445.13</b>
Above / Below _____ % =					
<b>TOTAL C =</b>					

#### PART D PLINTH PROTECTION

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
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1	Excavation in foundation of building and bridged and other structures including dig belling, dressing filling around structure with excavated earth watering & ramming lead upto one chain an lift upto 5 ft: in ordinary soil with very carefully without damaging or any sort of damage to adjoining the old structure.	2005.20	7.18	Cft	14397.34
2	Providing and laying 1:4:8 cement concrete bed under floor using graded stone ballast 2" and down gauge with leveling ramming watering and curing etc. complete.	668.40	87.07	Cft	58197.59
3	Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing at stone aggregate) Ratio 1:2:4	334.20	144.29	Cft	48221.72
4	Pacca brick work in foundation and plinth in: Lime sand mortar 1:2	2673.60	122.97	Cft	328772.59
5	Cement plaster 1:4 1/2" thick upto 12' height	1559.60	22.83	Sft	35605.67
		<b>TOTAL</b>		=	<b>485194.90</b>
		<b>Above / Below</b>		<b>% =</b>	
		<b>TOTAL D =</b>			

### Component A. Conservation Work

S.NO	ITEMS	AMOUNT
1	PART A CIVIL ITEMS	
2	PART B ELECTRICAL ITEMS	
3	PART C (PLUMBING ITEMS)	
4	PART D PLINTH PROTECTION	
<b>TOTAL</b>		

#### Office Building

##### PART A (CIVIL ITEMS)

##### SCHEDULE ITEMS

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
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1	Earth work excavation in irrigation channels, drains etc, dressed to designed section grades and profiles excavated material disposed off and dressed within 50 ft. lead. (a) Ordinary Soil I/5 a p-1	144.00	2420.00	% 0 Cft	348.48
2	Cement concrete brick or stone ballast 1 1/2" to 2" gauge. (b) Ratio 1 : 4 : 8 p-15 i/4 b	39.00	9416.28	%Cft	3672.35
3	Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing at stone aggregate without shuttering. (f) Ratio. 1:2 :4 i/5 f p-5	39.00	14429.25	% Cft	5627.41
4	(a) Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.) (b) Using Tor bars. P-17 i/8 b	56.00	5001.70	Per Cwt	280095.20
5	Reinforced cement concrete work including all labor and material except the cost of steel reinforcement and its labor for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle.) (I) Ratio (1 : 2: 4 ) 90 Lbs. cement 2 Cft. Sand 4 Cft. Shingle 1/8" to 1/4" gauge. p-15 i/6	2513.00	337	Cft	846881.00
6	Providing and laying 1 :3 : 6 Cement concrete solid Block masonry set in 1 :6 cement sand mortar in plinth and foundation including raking out joints and curing etc. complete. P-19 i/22	1278.00	14268.53	% Cft	182351.81
7	Cement plaster 1:2 upto 12' height. ( c ) 3/4" thick. P-9 i/9-c	3408.00	3056.62	% Sft	104169.61

8	Providing & fixing color Crete to wall surface to provide, durable crust and aesthetics having thickness upto 3/4" with specified color having water, fire and termite resistance (upto 20' -0 height). P-56 i/44	1704.00	6319.50	% Sft	107684.28
9	Preparing the surface and painting with weather coat I/c rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. P-55 i/38 A	1704.00	1328.25	% Sft	22633.38
10	First class deodar wood wrought, joinery in doors and windows etc, fixed in position including chowkats hold fasts hinges, iron tower bolts, chocks cleats, handles and cords with hooks, etc. (a) 2" thick , p-57 i/7	229.00	1336.59	Sft	306079.11
11	French polishing complete. (b) On old work. P-70 i/7	229.00	1952.50	% Sft	4471.23
12	Providing and laying 1" thick topping cement concrete (1:2:4 ) including Surface finishing and dividing into panels: (a) 1" thick p-41 i/16 a	1000.00	1915.13	% Sft	19151.30
13	Two coats of bitumen laid hot using 34 Lbs for % Sft. Ober roof and blinded with sand at one Cft. Per % Sft. P-34 i/13	1000.00	1887.40	% Sft	18874.00
14	Providing and laying 1" thick topping cement concrete (1:2:4 ) including Surface finishing and dividing into panels: (c.) 2" thick	1000.00	3275.50	% Sft	32755.00
15	Cast iron rain water down pipe fixed in place excluding heads and shoes but including painting and clamps etc. (a) 4" dia cast iron down pipe p-22 i/36	9.00	423.13	Rft	3808.17
16	Laying white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints. P-42 i/28b				
	(b) 1" thick flooring	720.00	628.93	Sft	452829.60
	(a) 3/4" thick flooring.	50.00	567.48	Sft	28374.00

17	Laying floors of approved colored glazed tiles 1/4" thick laid in white cement and pigment on a bed of 3/4" thick cement mortar 1:2. P-42 i/25	96.00	27747.06	% Sft	26637.18
18	White glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4" thick including finishing. P-44, i/37	552.00	28253.61	% Sft	155959.93
		<b>TOTAL CIVIL ITEMS</b>		=	2602403.03
		<b>Above / Below</b>		% =	
		<b>TOTAL CIVIL ITEMS</b>		=	

**PART B (ELECTRICAL ITEMS)**

**SCHEDULE ITEMS**

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
1	Wiring for light or fan point with 3/.029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. I/124	12.00	1130.00	P-Point	13560.00
2	Providing & fixing DP I/C change over switch 500volts 15amp on a prepared board p-194	4.00	2411.50	P-No.	9646.00
3	Providing & fixing Brass Ceiling fan 48" (good quality i/124	8.00	3020.00	P-No.	24160.00
		<b>TOTAL</b>		=	47366.00
		<b>Above / Below</b>		% =	
		<b>TOTAL I</b>		=	

**NON-SCHEDULE ITEMS**

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
1	Supplying and installation of LED Light	8.00		P-No	
2	Supplying and installation of flood 50 watt Light	12.00		P-No	
3	Supplying and installation of Dawlance Inspire Plus Inverter 30 1.5 Ton with staplizer.	4.00		P-No	
		<b>TOTAL 2 =</b>		=	
		<b>TOTAL B = TOTAL 1 + TOTAL 2 =</b>		=	

PART C (PLUMBING ITEMS)

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
1	Providing & fixing European white glazed earthen ware wash down w.c pan complete with and I/c the cost of white/black plastic seat (Best Quality ) and lid with c.P brass hinges and buffers, 3 gallons white glazed earthen earthen ware low level flushing cistern with siphon fitting 1-1/2" dia white porcelain enameled flush bend 3/4" dia and making requisite number of holes in walls, plinth and floor for Pipe connections and making good in cement concrete 1: 2: 4. (Foreign Quality).	3.00	11477.40	Each	34432.20
2	Providing & fixing 24" x 18" lavatory basin in white glazed earthen ware complete with & I/c the cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coast after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malleable iron or c.P brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1: 2: 4 (Standard pattern).	3.00	4253.70	Each	12761.10
3	Providing & fixing chrome plated brass towel rail complete with brackets fixing on wooden cleats with 1" long c.p brass screws. (I) Towel rail 36" long (b) 3/4" dia round or square (Superior quality).	3.00	1412.95	Each	4238.85
4	Providing & fixing 24" x 18" beveled edge mirror of Belgium glass complete with 1/8" thick hard board and c.p screws fixed to wooden pleat. (b) superior Quality.	3.00	2376.00	Each	1440.00
5	Supplying & fixing soap tray earthen ware with c.p screws etc. complete.	3.00	497.20	Each	1491.60

6	Providing G.I Pipes, specials, and clamps etc, including fixing cutting & fitting complete with and I/c the cost of breaking through walls and roof, making good etc. painting two coats after cleaning the Pipe etc. with white zinc paint with pigment to match the colour5 of the building and testing with water to a pressure head of 200 feet and handling.				
	(I) 1/2" dia G.I Pipe	30.00	73.21	Rft.	2196.30
	(iii) 1" dia G.I Pipe	45.00	128.55	Rft.	5784.75
7	Providing & fixing C.P brass shower rose with or 3/3" inlet (with detachable lid) (b) 4" dia ( Superior Quality)	3.00	259.38	Each	778.14
8	(a) Supplying & fixing C.P Muslim Shower with double Bib cock & ring Pipe etc complete.	3.00	3432.00	Each	10296.00
9	Supplying & fixing fiber glass tank of approved quality and design and wall thickness as specified I/c cost of nutes, bolts and fixing in platform of cement concrete 1: 3: 6 and making connections for in -let ,& ou-let & over flow pipes etc. complete. (c) 500 gallons wall thickness 4.5 mm	1.00	37505.42	Each	37505.42
<b>TOTAL</b>				=	<b>110924.36</b>
Above / Below _____%				=	
<b>TOTAL C</b>				=	

**PART D (MISCELLANEOUS ITEMS)**

SR. NO	ITEM	QUANTITY	RATE	UNIT	AMOUNT
1	Supply of office Table of size 3' x 4' with complete locking system and side table	4.00		Each	
2	Supplying of Revolving High Back chairs of Rexene of Suitable color.	4.00		P-No	
4	Supplying of office Slim Visitor Chair of Rexene of Suitable color. (Market Rate)	8.00		P-No	
5	Supplying of office Racks having four boxes made of steel. (Market Rate)	6.00		P-No	
6	Supplying of office shelves made of steel.	6.00		P-No	

7	Plantation of different types of plants in garden. With complete (rate also include rate of sweet earth with proper filling)	36.00		P-No	
8	Supplying and fixing of curtains.	500.00		Sft	
10	Supply and installation of sign boards with directions and name of office.	4.00		P-No	
11	Supplying and installation of Dawlance Inspire Plus Inverter 30 1.5 Ton with staplizer.	5.00		P-No	
12	Supply of Computer Core i7 Hp Company with keyboard, mouse & power cables.	5.00		P-No	
13	Supply of Black & white Printer Hp Laser jet with complete specifications.	5.00		P-No	
14	Supply of Color Printer Hp Laser jet with complete specifications.	2.00		P-No	
		TOTAL		=	

#### Component B : Office Building

SR. No.	ITEM		AMOUNT
1	PART A (CIVIL ITEMS)	=	
2	PART B (ELECTRICAL ITEMS)	=	
3	PART C (PLUMBING ITEMS)	=	
4	PART D (MISCELLANEOUS ITEMS)	=	
	<b>TOTAL</b>	<b>=</b>	

**CONSERVATION AND RESTORATION OF TWO DOME SCHOOL**  
**THATTA**

SUMMARY		
S.NO	ITEMS	AMOUNT
1	PART 1 CONSERVATION WORK	
2	PART 2 OFFICE BUILDING	
	SAY IN RS	
	SAY IN MILLION	

**CONTRACTOR**  
SEAL & SIGNATURE

**ASSISTANT ARCHEOLOGICAL**  
**ENGINEER**