

Budget Category and Line Item	Current Approved Budget				Spent												Total Spent as of 12/31/2014	Balance
	Rate	Unit	#	Total	Quarter 1			Quarter 2			Quarter 3			Quarter 4				
					Rate	#	Total	Rate	#	Total	Rate	#	Total	Rate	#	Total		
PERSONNEL																		
Personnel 1: Hon Project Director	0	month	24	0.00	0.00	3	0.00	0.00	3	0.00							0.00	0.00
Personnel 2: Project Coordinator	750	month	24	18,000.00	500.00	3	1,500.00	500.00	3	1,500.00							3,000.00	15,000.00
Personnel 3: Senior Architect	525.00	month	24	12,600.00	566.67	3	1,700.01	600.00	3	1,800.00							3,500.01	9,099.99
Personnel 4: Field Monitoring	330.00	month	24	7,920.00	373.33	3	1,119.99	330.00	3	990.00							2,109.99	5,810.01
Personnel 5: Site Supervision	500.00	month	24	12,000.00	330.00	3	990.00	500.00	3	1,500.00							2,490.00	9,510.00
Personnel 6: Procurement	225.00	month	24	5,400.00	235.11	3	705.33	250.00	3	750.00							1,455.33	3,944.67
Personnel 7: Site Works	250.00	month	24	6,000.00	250.00	3	750.00	250.00	3	750.00							1,500.00	4,500.00
Personnel 8: Field Coordination	264.00	month	24	6,336.00	239.11	3	717.33	250.00	3	750.00							1,467.33	4,868.67
Personnel 9: Accounts	160.00	month	24	3,840.00	160.00	3	480.00	200.00	3	600.00							1,080.00	2,760.00
Total Personnel	3,004.00			72,096.00	2,654.22	3	7,962.66	8,640.00		0.00							16,602.66	55,493.34
FRINGE BENEFITS																		
Fringe Benefit 1				0.00			0.00			0.00							0.00	0.00
Fringe Benefit 2				0.00			0.00			0.00							0.00	0.00
Fringe Benefit 3				0.00			0.00			0.00							0.00	0.00
Total Fringe Benefits				0.00			0.00			0.00							0.00	0.00
Travel																		
Travel 1: Documentation Centre	120.00	each	18	2,160.00	120.00	8	960.00	120.00	6	720.00							1,680.00	480.00
Travel 2: Hon Project Director	120.00	each	21	2,520.00	120.00	4	480.00	120.00	5	600.00							1,080.00	1,440.00
Travel 3: Project Coordinator	170.00	each	40	6,800.00	120.00	7	840.00	170.00	4	680.00							1,520.00	5,280.00
Travel 4: Monitoring	170.00	each	24	4,080.00	170.00	3	510.00	170.00	3	510.00							1,020.00	3,060.00
Travel 5: Conservation Civil Engr.	450.00	each	4	1,800.00	519.25	1	519.25	120.00	1	120.00							639.25	1,160.75
Travel 6: Evaluation Committee	450.00	each	6	2,700.00	330.00	1	330.00	407.80	2	815.60							1,145.60	1,554.40
Total Travel				20,060.00			3,639.25			3,445.60			0.00				7,084.85	12,975.15
Equipment																		
Equipment 1				0.00			0.00			0.00							0.00	0.00
Equipment 2				0.00			0.00			0.00							0.00	0.00
Equipment 3				0.00			0.00			0.00							0.00	0.00
Total Equipment				0.00			0.00			0.00			0.00				0.00	0.00
Supplies																		
Supply 1: Technical	Lot	Lot	1	6,500.00	224.48	1	224.48	386.10	1	386.10							610.58	5,889.42
Supply 2: Furniture	Lot	Lot	1	5,200.00	0.00	1	0.00	396.00	1	396.00							396.00	4,804.00
Supply 3: Site Teams	Lot	Lot	1	10,000.00	623.00	1	623.00	421.45	1	421.45							1,044.45	8,955.55
Supply 4: Workshop	Lot	Lot	1	8,000.00	664.00	1	664.00	106.15	1	106.15							770.15	7,229.85
Supply 5: General Office	300.00	month	24	7,200.00	188.87	3	566.61	307.66	3	922.98							1,489.59	5,710.41
Supply 6: Site supply bamboo etc	Lot	Lot	1	14,000.00	1,321.00	1	1,321.00	447.00	1	447.00							1,768.00	12,232.00
Supply 7: Site supply lime/grvel etc	Lot	Lot	1	27,000.00	1,345.00	1	1,345.00	2,182.70	1	2,182.70							3,527.70	23,472.30
Supply 8: Sundry materials	Lot	Lot	1	31,500.00	3,546.61	1	3,546.61	2,497.80	1	2,497.80							6,044.41	25,455.59
Total Supplies				109,400.00			8,290.70			7,360.18			0.00				15,650.88	93,749.12
Contractual																		
Contractual 1: Physical Survey	Lot	Lot	1	5,000.00	855.00	1	855.00	0.00	1	0.00							855.00	4,145.00
Contractual 2: Conservation Engr	Lot	Lot	1	4,000.00	2,000.00	1	2,000.00	2,000.00	1	2,000.00							4,000.00	0.00
Contractual 3: Geotechnical study	Lot	Lot	1	3,000.00	1,750.00	1	1,750.00	1,800.00	1	1,800.00							3,550.00	-550.00
Contractual 4: Condition Survey	Lot	Lot	1	4,000.00	0.00	1	0.00	740.00	1	740.00							740.00	3,260.00
Contractual 5: Evaluation	Lot	Lot	1	3,000.00	328.00	1	328.00	500.00	1	500.00							828.00	2,172.00
Contractual 6: Master Artisans	900.00	month	21	18,900.00	619.00	3	1,857.00	839.83	3	2,519.49							4,376.49	14,523.51
Total Contractual				37,900.00			6,790.00			7,559.49			0.00				14,349.49	23,550.51
Construction																		
Construction 1	0.00			0.00			0.00			0.00							0.00	0.00
Construction 2	0.00			0.00			0.00			0.00							0.00	0.00
Construction 3	0.00			0.00			0.00			0.00							0.00	0.00
Total Construction				0.00			0.00			0.00			0.00				0.00	0.00
Other Direct Costs																		
Other Direct Cost 1:Telephone etc	120.00	month	24	2,880.00	224.00	3	672.00	154.96	3	464.88							1,136.88	1,743.12
Other Direct Cost 2:Utilities	300.00	month	24	7,200.00	285.00	3	855.00	120.50	3	361.50							1,216.50	5,983.50
Other Direct Cost 3:Site Laboiur	500.00	month	21	10,500.00	512.00	3	1,536.00	506.50	3	1,519.50							3,055.50	7,444.50
Total Other Direct Costs				20,580.00			3,063.00			2,345.88			0.00				5,408.88	15,171.12
Indirect Costs																		
X%	0.00			0.00			0.00			0.00							0.00	0.00
Total Indirect Costs				0.00			0.00			0.00			0.00				0.00	0.00
USG Total				260,036.00			29,745.61			29,351.15			0.00				59,096.76	200,939.24
Cost Share																		
Cost Share 1: Personnel	287.50	month	24	6,900.00	287.50	3	862.50	300.00	3	900.00							1,762.50	5,137.50
Cost Share 2: Travel	120.00	month	24	2,880.00	120.00	3	360.00	120.00	3	360.00							720.00	2,160.00
Cost Share 3: Computer etc	2,300.00	lot	1	2,300.00	2,300.00	1	2,300.00	0.00	1	0.00							2,300.00	0.00
Cost Share 4: Courier/Photocopy	3,600.00	lot	1	3,600.00	276.00	1	276.00	150.00	3	450.00							726.00	2,874.00
Cost Share 5: Rent & Security	500.00	month	24	12,000.00	500.00	3	1,500.00	540.00	3	1,620.00							3,120.00	8,880.00
Total Grantee Cost Share Costs				27,680.00			5,298.50			3,330.00			0.00				8,628.50	19,051.50
GRAND TOTAL				287,716.00			35,044.11			32,681.15			0.00				67,725.26	219,990.74

US Ambassador's Fund for Cultural Preservation

Tombs of Sultan Ibrahim & Amir Sultan Muhammad at WHS Makli, Thatta

Progress Report No - 2015/01



January, 2015

- Physical, geotechnical and structural studies were concluded.
- HF's drawings and findings were utilized to prepare a conservation plan by Ar. Yasmeen Lari and heritage consultant Ar. Saba Samee.
- Conservation expert Ms. Samee was invited to prepare condition survey as well as approaches for conservation. She helped prepare various Standard Operating Procedures and Material Guidelines for the tombs of Sultan Ibrahim and Amir Sultan Muhammad. Ms. Samee made 3 visits (12th; 14th and 19th of January, 2015) to the site during her stay to record and analyze the monuments and their damages.
- During the month the following samples and investigations were conducted at site:
 - ☒ Dry Cleaning
 - ☒ Wet Cleaning
 - ☒ Graffiti removal
 - ☒ Matching mortars for conservation
 - ☒ Pointing method along historic section of Sultan Ibrahim
 - ☒ Pointing method for the stone platform flooring
 - ☒ Historic brick masonry analysis
 - ☒ Historic Kashi tile condition analysis
 - ☒ Parapet and roof layer investigations



Sample for graffiti cleaning



Investigation of roof top layers



Mortar re-pointing sample in alcove



Mortar re-pointing in outer face



Mortar re-pointing in stone platform



Method for preparing mortar samples



Various samples for matching mortar prepared



Historic samples for testing - Brick



Historic samples for testing - Stucco



Stabilizing historic kashi with mud edging



Historic samples for testing - Internal Mortar



Historic samples for testing - External Mortar

- Samples of historic materials, i.e. internal and external plaster and mortar, stucco layers, historic brick and tiles were collected for material analysis testing. The collected samples were sent for testing to Consolidated Engineering Services (CES) for hardness on Moh's Scale, chemical composition and pH levels.
- Construction work for the Cluster 1 of the Artisan Yard was completed. Cluster 2 and 3 nearing completion.
- The construction of the heritage laboratory for collection of samples, material testing and experimentation was begun.



Artisan cluster nearing completion

US Ambassador's Fund for Cultural Preservation Tombs of Sultan Ibrahim & Amir Sultan Muhammad at WHS Makli, Thatta Progress Report No - 2015/02



February, 2015

- Since, all activities required a final approval from the Technical Committee, it was decided that the field team would spend the month of February on thoroughly cleaning the tombs and enclosure.
- A technical training session for scientific cleaning was held.
 - ☒ Ar. Mariyam Nizam and Ashfaq Ahmed conducted the training session with the artisans available on site.
 - ☒ Standard operating Procedures outlined by Ar. Saba Samee and Ar. Yasmeen Lari were explained and demonstrated to the trainee artisans, who then conducted test patches to illustrate their understanding.
 - ☒ Although the training workshops highlighted and demonstrated both wet and dry cleaning, it was decided that the artisans would begin with dry cleaning of the monuments, while the wet training would be taken up after the completion of the dry cleaning.
- The entire dry cleaning of the monuments was completed in the month of February, 2015.



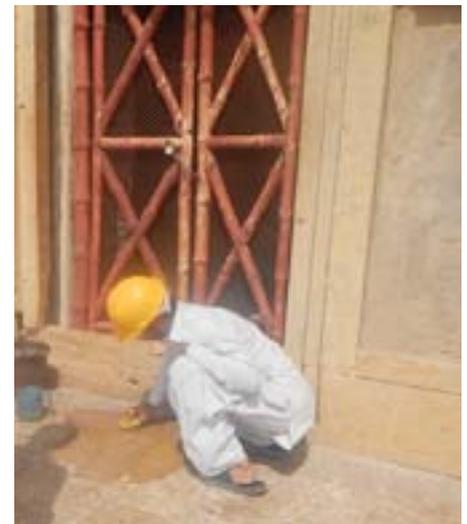
Dry cleaning of Monuments



Dry cleaning of mortar joints



Wet cleaning demonstration



Wet cleaning of stone flooring

- During the historic brick analysis conducted earlier in the year, it was found that the tomb contained six different types of brick with multiple variations. Different brick sizes had been used in different eras, therefore, it had been decided that the project would restore the monument with the original brick sizes and matching colors.



Historic Masonry Analysis - South Elevation

- Soil samples were collected from 4 different locations and sample brick were fabricated. The resultant bricks did not match; therefore additional 4 samples were collected. Two variations of bricks were fabricated of all samples of brick for approval by the Consultative Committee.
- The construction of a Presentation kiosk near the tomb was completed. The kiosk would be managed by a local woman who would charge a nominal fee from visitors to view projections and images of the projects.
- Two display mud walls were also constructed near the site. These would illustrate the history of the tombs and the personalities interred within along with project milestones.
- The construction of the artisans' ateliers was completed and signage was in the process of being designed and would be installed in the following days.



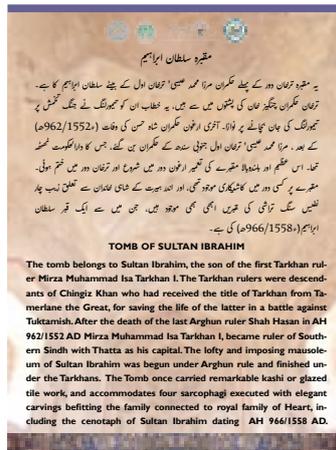
Fabrication of mud brick



Samples of mud-brick for CC meeting



Display panels for presentation at site



Matching burnt brick for underpinning



Matching burnt brick for underpinning



Presentation kiosk and display walls nearing completion



Completed Artisans' Ateliers and Heritage Laboratory (right_ nearing completion)

US Ambassador's Fund for Cultural Preservation Tombs of Sultan Ibrahim & Amir Sultan Muhammad at WHS Makli, Thatta Progress Report No - 2015/03



March, 2015

- The Consultative Committee Meeting was held on between the 5th and 6th of March, 2015. The proceedings of the meeting were issued on the 9th of March, 2015.



Consultative Committee Meeting - Day 1



Consultative Committee Meeting - Day 1



Consultative Committee Meeting - Day 1



Consultative Committee Meeting - Day 2

- HF personnel held training sessions for artisans to demonstrate the method for pointing of historic brick as well as the stone platform. The artisans were organized by the Field Team headed by Naheem Shah and managed by Waseem Akbar.

- ☒ The demonstration was given by Ar. Mariyam Nizam and Ar. Ashfaq Ahmed, based on standard operating procedures approved by the Consultative Committee members.

- ☒ Master artisans and trainee artisans were trained during the sessions held on 16th and 30th March, 2015.

- ☒ A small sample area was marked and participants took part in showing their understanding of the procedures.

- A schedule was issued to the site for implementation of pointing on the stone platform of the monuments as well as the alcoves and faces of the tomb of Sultan Ibrahim.



Pointing of historic bricks



Measuring dry mix for mortar samples



Pointing stone flooring demonstration



Explaining rationale and implementing samples

- Two gangs comprising of a master artisan and a young trainee began the pointing according to the schedule. Since the pointing is to be conducted with care using miniature tools, it is estimated that it may take over three months to complete.

- Under supervision of Naheem Shah and Waseem Akbar detailed sample board is being maintained, with daily mortar samples prepared and kept for later scrutiny. The samples are collected in bags at the beginning of each day and are cured in a similar way as the applied samples on the monument.

- A batch of bricks were fired during the month of March to assess the quality of bricks. The Field Team was requested to fire another batch of bricks in order to achieve better finishing to match the sharp edges and better texture matching the original bricks.

- On the recommendation of the Consultative Committee a further detailed photographic documentation of the dome and drum was conducted.

- On instructions from the CEO, HF, a study was carried out to work out ways to achieve safety for the personnel engaged for work at the drum and the dome. Because of the exposed condition and strong winds at roof level, it is imperative for the personnel to wear harnesses which are tied securely to the structure.

Since the Consultative Committee provided approval to the procedures, the site is well organized and after the trainings, the work on brick masonry is in full swing under the supervision of Naheem Shah assisted by Waseem Akbar.



Pointing progress



Daily mortar sample preparation