


TENDER DOCUMENT FOR HIRING SERVICES OF IIT HYDERABAD FOR ARCHITECTURAL AND TOPOGRAPHICAL SURVEY OF SAIFABAD MINT

Unit: India Government Mint, Hyderabad of Security Printing and Minting Corporation of India Limited

Firm's Reference		E-mail dated 19.06.2022		Date		20.12.2022	
Email	igm.hyderabad@spmcil.com			NOMINATION	Address: P.B. NO. 10, H.C.L. POST, I.D.A. PHASE II, CHERLAPALLY, HYDERABAD – 500 051. (TELANGANA)		
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Indian Institute of Technology, Hyderabad (IITH)				Enquiry No and Date		6000017956/45/CIVIL Dated 20.12.2022	
				Date of Tender Opening		10 th January, 2023 at 03:00 p. m.	
				<i>The Tender would be opened at India Government Mint, Hyderabad</i>			
<p>Please submit your quotation by post/hand before 2:45 pm on date of tender opening at India Government Mint, Hyderabad. You must submit your bid along with the necessary documents in a Sealed Cover dropped in the tender box located at India Government Mint, Hyderabad.</p> <p>Yours Sincerely</p> <p>Purchase Officer</p>							
Tender Schedule							
Sr No:	Description and Specification of Material	Quantity	Unit	Delivery Required	In figure and in words Rs.		Taxes & Duties
					Rate per unit	Value	
1.	Architectural & Topographical survey of Saifabad Mint	1	AU	6 months			



Enclosed Specifications/ Drawings/ Special Conditions of Contract:

Scope of work

Part A:

Architectural Survey

- Complete architectural survey of the site and buildings within the site including its boundary walls with detailed measurements and details of special elements, construction details etc. should be done
- Surveys should be executed accurately and in detail containing a graphical representation of all construction/structural details, details of special elements and materials, etc. in a variety of scales according to the needs of each drawing and detail should be provided.
- The material mapping in architectural documentation should be provided
- Condition mapping drawings demarcating cracks, decay and any other deformations will be documented.
- Following drawings will be provided in the requested deliverable formats. - Site Plan - Floor plans - Elevations - Sections - Special elements details including ornamentation - Construction details - Material Mapping.

Recording the existing structure along with assessing its current conditions should be carried out using suitable and appropriate methods as required based on the scope of the work. These records should include historical research, as-built drawings and photographs, condition assessments; scientific investigations; which provide complete information on the structure necessary for sound conservation decisions. The recording of the cultural heritage is essential (PRINCIPLES FOR THE RECORDING OF MONUMENTS, GROUPS OF BUILDINGS AND SITES (1996) :

- (a) To acquire knowledge in order to advance the understanding of cultural heritage, its values and its evolution;
- (b) To promote the interest and involvement of the people in the preservation of the heritage through the dissemination of recorded information;
- (c) To permit informed management and control of construction works and of all change to the cultural heritage;
- (d) To ensure that the maintenance and conservation of the heritage is sensitive to its physical form, its materials, construction, and its historical and cultural significance.

As-Built drawings The structure should be documented to create a set of as-built drawings to facilitate the work to be carried out. If archival drawings are available then these should be modified to create the as-built set. Various techniques and methods are available and should be adopted based on the complexity and condition of the structure, to suit the project requirements and the expected deliverables. Examples: Measured drawings (manual survey), Total Stations Survey and Laser/Photogrammetric Scanning.

Part B:

Photographic Documentation

- The full photographic documentation of the whole site should be provided. Image Panoramic photographs to give visually detail a space should be provided. • If drone permission is granted, drone photogrammetry should be done for the exteriors of the site. • A keymap of the building with the location and direction of each photograph in AutoCAD drawing file format (including .ctb file), pdf/jpg format in scale (including north arrow) and hard copy should be provided.
- The image should be provided in organized subfolders according to the locations. Images will be in .jpg format. - Photographic

documentation - The site and Architectural photo documentation - Drone Images (subject to permissions) - Photogrammetric Documentation.

Photography: Photography should be used wherever possible with documentation and conditions assessment as a tool to further record information and to enhance the understanding of the structure. The images should include overalls and details as per the requirement. Photographs shall be properly catalogued and easily accessible in an organized manner in soft copies. This photographic documentation should be continued through the project duration until the execution of works is completed. This could also be combined with video-graphic documentation to further enhance the understanding of the executed interventions.

Part C:

Heritage documentation in point cloud

- Drones' photogrammetry (Subjected to permission) by capturing pictures that overlap 30%-50%. To produce orthomosaic life-like maps, digital elevation models, digital surface models and 3D models in post-processing. Reality Capture should be used to stitch images together to produce these models.
- Deliverables will be in form of a point cloud model, mesh model and textured model in addition to those mentioned below. - Site plan in 1/100 or 1/200 scale. - Detailed Plans in 1/50 scale - Longitudinal and Cross-sections on a 1/50 scale at multiple points - Elevations in 1/50 scale - Roof plan in 1/50 scale - Ceiling plan in 1/50 scale - Electrical plan 1/50 scale - Architectural system construction details in 1/20 scale at various points - Stair system details, if applicable, in 1/50 scale - Door and window and other relevant details in 1/20, 1/10 and 1/5 scale with its classification.

Note: Clearance of debris/rubbish, providing illumination will be in the scope of Mint.



Item/ Tender Specific Conditions of this tender:**1. Payment conditions:**

- * Advance 30%.
- * 30% after submission of Part-A & B.
- * Balance 40% after submission of Part-C and all final documents.

2. To be supplied/finished within 6 Months from the date of issue of PO/NAC.

I/ We engage to supply the material(s) to your office and comply the following:

1. Tender Schedule and Technical Specification indicated
2. Item/ Tender specific conditions for this tender.
3. Terms and Conditions printed overleaf
4. General conditions of Contract signed by me at the time of Vendor Registration (for registered vendors)
5. I/ we confirm that set off for the GST etc. paid on the inputs have been taken into consideration in the above quoted Price and further agree to pass on such additional duties as sets offs as may become available in future under GST etc.
6. This offer is valid for 90 days from the date of opening of tender.

Signature & seal Place & Date:		Name of Authorized Signatory:	
Address:		Tel. No/ Fax. No / Mobile No Email ID:	



TERMS AND CONDITIONS FOR NOMINATION BASIS TENDER

1. The quotation must be in the form furnished by procuring entity and should be in ink free from corrections / erasures. In case there is any unavoidable correction it should be properly attested, otherwise the quotation will not be considered.
2. Tenderer may also download the tender documents from the web site <http://igmhyderabad.spmcil.com> the bidder must not make any changes to the contents of the documents.
3. Tenderers shall ensure that their tenders, duly sealed and signed, complete in all respects as per instructions contained in the Tender Documents, are dropped in the tender box located at the address given below on or before the closing date and time indicated in the Para 1 above, failing which the tenders will be treated as late and rejected.
4. The Purchaser reserves the right to accept the offer by individual items and reject any or all tenders without assigning any reason thereof and does not bind itself to accept lowest quotations.
5. In the event of any of the above-mentioned dates being declared as a holiday/ closed day for the purchase organization, the tenders will be sold/ received/ opened on the next working day at the appointed time.
6. Participation in this tender is by invitation only. Unsolicited offers are liable to be ignored. However, vendors who desire to participate in such tenders in future may bring it to the notice of Procuring Entity and apply for registration as per procedure. Note: To get registered as approved supplier with procuring entity, please download supplier approval form from SPMCIL website and submit.
7. The Purchaser reserves the right to modify the quantity specified in this enquiry.
8. The prices quoted should be firm till the completion of services. Please quote the rates in words and figures. Rates quoted should be free delivery at destination including all charges otherwise the quotation is likely to be rejected. Price quoted for free delivery at destination will be given preference. If there is no indication regarding the FOR, in the quotation, then it will be considered as F.O.R. Destinations. Price quoted should be net and valid for a minimum period of three months from the date of opening of the quotation.
9. Payment of GST is primarily the responsibility of the seller and will not be paid unless the percentage value is clearly mentioned in the quotations. If no indication regarding GST is recorded in the quotation, the GST will be considered as included.
10. Delivery Period required for supplying the material should be invariably specified in the quotation.
11. Required Terms of Delivery: F.O.R India Government Mint, Hyderabad. (F.O.R: Free on Road).
12. In case your quotation is accepted, and order is placed on you, the supply/services against the order should be made within the period stipulated in the order. Purchaser reserves the right to recover any Loss sustained due to delayed delivery by way of penalty. Failure to supply the material within the stipulated period shall entitle the Purchaser for imposition of Penalty without assigning any reasons @ 1/ 2% of the total value of the item covered in order as Penalty per day subject to a maximum of 5% unless extension is obtained in writing from the office on valid ground before expiry of delivery period.
13. If the deliveries are not maintained and due to that account the Purchaser is forced to buy the material/services at your Risk and Cost from elsewhere, the loss or damage that may be sustained there by will be recovered from the defaulting supplier.
14. Dispute Clause: Any dispute relating to the enquiry shall be subject to the jurisdiction of the court at Hyderabad only.
15. Payment Terms:
 - 30 % advance payment shall be paid to IIT, Hyderabad
 - 30% of the payment shall be made within 30 days after submission of Part – A & B
 - Balance 40% after submission of Part – C and all final Documents