



Varanasi Smart City Limited, Varanasi

**Request for Proposal
(RFP)**

for

**GHATS REVITALIZATION AND FAÇADE
RESTORATION PROJECT**

RFP No. 11/VSCL/SMART GHATS/MAR-18

**Varansi Smart City Limited (VSCL), Office of Nagar Nigam,
Sigra, Varanasi, UP-221010**

Issued on: 24.03.2018

Tender Document

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S. No.	Activity	Timeline
1.	Name of Work	Ghats Revitalization and Facade Restoration project
2.	Completion Period for Construction	12 Months including rain season
3.	Date of issue of Notice Inviting Bid	24 th March 2018
4.	Period and Places of sale of Bidding Documents	From 24 th March to 23 rd April until 17:00 hrs Places: (i) Chief Executive Officer, VSCL address- CEO, VSCL Nagar Nigam, Varanasi Contact no. 0542-2221702 and through mail at ceovscl@gmail.com (ii) Website: www.nnvns.org , etender.up.nic.in and www.smartnet.niua.org
5.	Last date for Pre-bid queries	03.04.18 until 17:00 hrs
6.	Time, Date and Place of pre-bid meeting	Date: 7 th April, 2018 Time: 15:00 Hrs. Place: Conference hall, Ground Floor – Nagar Nigam Sigra, Varanasi
7.	Deadline of receiving e-bids	Date: 23 rd April, 2018 Time: 17:00 Hrs.
8.	Technical Bid opening	Date: 25 th April, 2018 Time: 15:00 Hrs.
9.	Bid Validity Period	120 Days
10.	Offer Inviting Authority	Chief Executive Officer, VSCL

VARANASI SMART CITY LTD. (VSCL)
O/o Municipal Corporation, Varanasi

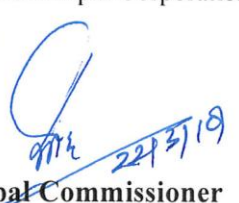
NIT No.: 11/VISCL/TENDER/2017-18

Dated: 22/03/2018

1. The Chief Executive Officer (CEO) Varanasi Smart City Ltd. (VSCL) invites sealed tender for the following works:-

S. No.	Name of the project	Tender Fee non-refundable (Rs.)	Earnest Money Deposit (Rs.)
(i)	Ghats Revitalization and Façade Restoration Project RFP No. 11/VISCL/SMART GHATS/MAR-18	15,000/-	20.00 Lacs.

2. The tender documents can be downloaded from the e-tendering website <http://etender.up.nic.in> from 24/03/2018 from 15:00 Hrs. to 23/04/2018 till 15:00 Hrs.
3. Bidders are requested to submit the Tender fee receipt in the office of Chief Executive Officer, Varanasi Smart City Ltd. (VSCL) in the form of DD/Bankers Cheque issued in favor of "Chief Executive Officer, Varanasi Smart City Limited" payable at Varanasi.
4. Bidders are requested to submit the Earnest Money Deposit (EMD) receipt in the office of Chief Executive Officer, Varanasi Smart City Ltd. (VSCL), in the form as prescribed in the tender document issued in favor of "Chief Executive Officer, Varanasi Smart City Limited" payable at Varanasi.
5. The last date for pre-bid queries is 03/04/2018 till 17:00 Hrs. through e-mail on ceovscl@gmail.com and Pre-bid meeting will be held on 07/04/2018 at 15:00 Hrs. in the Conference Hall, Ground Floor, Municipal Corporation, Sigra, Varanasi.
6. The deadline of bid-submission is 17:00 Hrs. on 23/04/2018 and technical bid opening is on 25/04/2018 at 15:00 Hrs.
7. For more details contact Chief Executive Officer, VSCL address- CEO, VSCL Municipal Corporation Varanasi. Contact no. 0542-2221702 and through mail at ceovscl@gmail.com


CEO/Municipal Commissioner
 VSCL/MCV
 O/o Municipal Corporation, Varanasi

SECTION 2

INSTRUCTIONS TO BIDDERS (ITB)

A. GENERAL

1. SCOPE OF BID

The detailed description of work, hereinafter 'work', is given below.

Background:

Ghat Revitalization and Facade Improvement Project has the foremost objective to conserve the tangible aspects of the ghats and at the same time provide organized space and infrastructure for the intangible aspects linked to the ghats.

The Ghat revitalization and Facade Improvement project focuses on the improvement of the ghats in terms of the physical integrity of the ghats as well as the public facilities and infrastructure on the ghats. The physical composition of the ghats is the setting of the steps and platforms along with the built forms aligning to the ghats which form the vertical and built mass on the river bank. Every ghat on the western bank of Ganga river has a different composition of space due to the type of the built form present there and the intermediate space between the steps and buildings, forming a heterogeneity in character. However, there is a coherence in the basic character of the ghats, and the activities which are carried out on the ghats.

These ghats have withered through time due to the natural distress or incessant activities all throughout the year. There are severe instances of settlement beneath the steps, broken edges, dislodged stone slabs and piecemeal repairs and additions on the ghats. Considering the public activity as a significant tourist spot and an integral holy destination it is also important to improve the condition of the public utility and facilities on the ghats. There is an existing infrastructure on the ghats however it lacks comprehensive and integrated planning and there is a scope of improvement in the design. The service infrastructure on the ghats such as electrical conduiting, drainage on the ghats needs to be improved so as to minimize their impact on the visual integrity of the ghats and maximize the efficiency of the services.

Need for the work:

The prime objective of the project is to conserve the physical attributes of the ghats. Considering this the second important part of the project is the restoration of the facade of the structures. There are various old structures facing the ghats and also defining the built fabric of the ghats. Some of these structures are temples, old guest-houses, rest-palaces and other residential private properties. Some of these are old structures and have characteristic traditional architectural features which majorly contribute towards the overall ambience of the ghats. These structures have also deteriorated with time and there are incongruous additions made to these structures in terms of the services and also building features. The project shall focus to restore the damaged features of these building facades, strengthen the deteriorating parts of the facade and bring an appreciating architectural character to the modern additions done at these places.

Varanasi Smart City Limited, Varanasi invites tenders from experienced and expert Conservation/Heritage and Restoration contractors to come forward and Bid for the extremely prestigious work through this tender.

Scope of work:

The project focuses on the restoration of the ghats, re-organization of spaces, provision of public facilities in an unified design pattern and the restoration of facade of built structures aligned to the ghats. The scope area constitutes a total length of 300 mts from Dharbhanga ghat to Dashashwamedh ghat. In order to

improve the visitor experience the project proposes essential public facilities, services and safety infrastructure on the ghats.

The philosophy of the project is defined by the material integrity and authenticity of the character of space which has been integral to the 'Kashi-dhaam' as we know it. The project shall not interfere with the soul character of the ghats and shall preserve the abstract coherence in the heterogeneity of the ghats.

The prime features of the project are mentioned further;

- Restoration of the ghats maintaining the material integrity of the ghats.
- Dismantling and removing of the concrete finish and incoherent material finishes from the ghats
- Reorganization of the service on the ghats such as drainage, plumbing features, electrical transmission features, light fixtures so as to minimize their negative impact on the building facade
- Re-organization of spaces so as to avoid any negative spaces and ease the public-circulation and access on the ghats
- Construction of one new toilet as per the scheme
- Provision of dustbins and monolithic stone benches at adequate spaces
- Provision of drinking water kiosks as per the scheme and detail
- Installation of signages as per the scheme and detail
- Installation of traditional bamboo umbrellas for priests
- Installation of bamboo canopies for the vendors on the ghats
- Stone *takhat* on the ghats
- Structural and architectural restoration of the facade of the structures facing the ghats
- Removal of paints and graffiti from facade and cleaning of the stone surfaces of the structures
- Removal of incongruent additions made on the facade and relocate them as per the planned detail
- Treatment of the other additions on the buildings along the ghats with the defined colour, characteristic features as per the planned details.

1. GENERAL QUALITY OF WORK:

The work shall have to be executed in accordance with the drawings (prepared by the Architect in charge and approved by the competent authority), technical specifications specified in the Bid Data Sheet/ Contract Data, and shall have to meet high standards of workmanship, safety and security of workmen and works.

2. PROCEDURE FOR PARTICIPATION IN E-TENDERING

The procedure for participation in e-tendering is given in the Bid Data Sheet.

3. ONE BID PER BIDDER

The bidder can be an individual entity or a joint venture (if permitted as per Bid Data sheet). In case J.V. is permitted, the requirement of joint venture shall be as per the Bid Data Sheet.

No bidder shall be entitled to submit more than one bid whether jointly or severally. If he does so, all bids wherein the bidder has participated shall stand disqualified.

4. COST OF BIDDING

The bidder shall bear all costs associated with the preparation and submission of his bid, and no claim whatsoever for the same shall lie on the ULB.

5. SITE VISIT AND EXAMINATION OF WORKS

The bidder is advised to visit and examine the Site of Works and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the bid and entering into a contract for construction of the work. All costs shall have to be borne by the bidder.

B. BID DOCUMENTS**6. CONTENT OF BID DOCUMENTS**

The Bid Document comprises of the following documents:

1. NIT with all amendments.
2. Instructions to Bidders,
3. Conditions of Contract:
 - i. Part I General Conditions of Contract and Contract Data; and
 - ii. Part II Special Conditions of Contract.
4. Specifications
5. Drawings
6. Priced Bill of Quantities
7. Technical and Financial Bid
8. Letter of Acceptance
9. Agreement and
10. Any other document(s), as specified.

8. The bidder is expected to examine carefully all instructions, conditions of contract, the contract data, forms, terms and specifications, bill of quantities, forms and drawings in the Bid Document. Bidder shall be solely responsible for his failure to do so.

9. PRE-BID MEETING (WHERE APPLICABLE)

Wherever the Bid Data Sheet provides for pre-bid meeting:

Details of venue, date and time would be mentioned in the Bid Data Sheet. Any Change in the schedule of pre-bid meeting would be communicated on the website only, and intimation to bidders would not be given separately.

Any prospective bidder may raise his queries and/or seek clarifications in writing before or during the pre-bid meeting. The purpose of such meeting is to clarify issues and answer questions on any matter that may be raised at that stage. The Employer may, at his option, give such clarifications as are felt necessary.

Minutes of the pre-bid meeting including the list of the questions raised and the responses given together with any response prepared after the meeting will be hosted on the website.

Pursuant to the pre-bid meeting if the Employer deems it necessary to amend the Bid Document, it shall be done by issuing amendment to the online NIT.

10. AMENDMENT OF BID DOCUMENTS

Before the deadline for submission of bids, the Employer may amend or modify the Bid Documents by publication of the same on the website.

All amendments shall form part of the Bid Document.

The Employer may, at its discretion, extend the last date for submission of bids by publication of the same on the website.

C. PREPARATION OF BID

11. The bidders have to prepare their bids online, encrypt their Bid Data in the Bid Forms and submit Bid Seals (Hashes) of all the envelopes and documents related to the Bid required to be uploaded as per the time schedule mentioned in the key dates of the Notice Inviting e-Tenders after signing of the same by the Digital Signature of their authorized representative.

12. **DOCUMENTS COMPRISING THE BID**

The bid submitted online by the bidder shall be in the following parts:

Part 1 – This shall be known as Envelope A and would apply for all bids. Envelope A shall contain the following as per details given in the Bid Data Sheet:

- i. Registration number or proof of application for registration and organizational details in format given in the Bid Data sheet
- ii. Payment of the cost of Bid Document;
- iii. Earnest Money; and
- iv. EPF Registration
- v. An affidavit duly notarized.

Part 2 – This shall be known as Envelope B and required to be submitted only in works where pre-qualification conditions and/or special eligibility conditions are stipulated in the Bid Data Sheet. Online Envelope B shall contain a self-certified sheet duly supported by documents to demonstrate fulfillment of pre-qualification conditions.

Part 3 – This shall be known as Online Envelope C and would apply to all bids. Envelope C shall contain financial offer in the format prescribed enclosed with the Bid Data Sheet.

13. **LANGUAGE**

The bid as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Employer shall be in English or Hindi. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages in English. In such case, for the purposes of interpretation of the bid, such translation shall govern.

14. **TECHNICAL PROPOSAL**

Only, in case of bids with pre-qualification conditions defined in the Bid data sheet, the Technical Proposal shall comprise of formats and requirements given in the Bid Data Sheet.

All the documents/ information enclosed with the technical proposals should be self-attested and certified by the Bidder. The Bidder shall be liable for forfeiture of his earnest money deposit, if any document/ information are found false/ fake/ untrue before acceptance of Bid. If it is found after acceptance of the Bid, the sanctioning authority may at his discretion forfeit his performance security/ guarantee, security deposit, enlistment deposit and take any other suitable action.

15. **FINANCIAL BID**

- i. The bidder shall have to quote rates in format referred in Bid Data sheet, in overall percentage, and not item wise. If the bid is in absolute amount, overall percentage would be arrived at in relation to the probable amount of contract given in NIT. The overall

- percentage rate would apply for all items of work.
- ii. Percentage shall be quoted in figures as well as in words. If any difference in figures and words found, lower of the two shall be taken as valid and correct.
 - iii. The Price bid made by the contractor should exclude the GST and all other taxes and duties should be included in the price bid. Therefore, all the duties, taxes, royalties and other levies payable by the Contractor under the Contract, or for any other cause, shall be included in the rates, prices, and total Bid price submitted by the Bidder.
 - iv. The material along with the units and rates, which shall be issued, if any, by the department to the contractor, is mentioned in the Bid Data Sheet.

16. PERIOD OF VALIDITY OF BIDS

The bids shall remain valid for a period specified in Bid Data Sheet after the date of “close for bidding” as prescribed by the Employer. The validity of the bid can be extended by mutual consent in writing.

17. EARNEST MONEY DEPOSIT (EMD)

The Bidder shall furnish, as part of the Bid, Earnest Money Deposit (EMD), of the amount specified in the Bid Data Sheet.

The EMD shall be in the form of Demand Draft/Fixed Deposit Receipt of a scheduled commercial bank, issued in favor of the name given in the Bid Data Sheet. The Fixed Deposit Receipt shall be valid for six months or more after the last date of receipt of bids. However, other forms of EMD may be allowed by the employer by mentioning it in the Bid Data sheet.

Bid not accompanied by EMD shall be liable for rejection as non-responsive.

EMD of bidders whose bids are not accepted will be returned within ten working days of the decision on the bid, except second lowest till the time period of agreement with first lowest.

EMD of the successful Bidder will be discharged when the Bidder has signed the Agreement and furnished the Bank Guarantee of required value for Performance Security.

Failure to sign the contract by the selected bidder, for whatsoever reason, shall result in forfeiture of the Earnest money deposit.

D. SUBMISSION OF BID

- 18.** The bidder is required to submit online bid duly signed digitally, and Envelope "A" in physical form also at the place prescribed in the Bid Data Sheet.

E. OPENING ANDEVALUATION OF BID

19. PROCEDURE

Envelope ‘A’ shall be opened first online at the time and date notified and its contents shall be checked. In cases where Envelope ‘A’ does not contain all requisite documents, such bid shall be treated as nonresponsive, and Envelope “B” and/or “C” of such bid shall not be opened.

Wherever Envelope 'B' (Technical Bid) is required to be submitted, the same shall be opened online at the time and date notified. The bidder shall have freedom to witness opening of the Envelope 'B'. Envelope 'C' (Financial Bid) of bidders who are not qualified in Technical Bid (Envelope 'B') shall not be opened.

Envelope 'C' (Financial Bid) of the qualified bidders shall be opened online at the time & date notified. The bidder shall have freedom to witness opening of the Envelope 'C'.

After opening Envelope 'C' all responsive bids shall be compared to determine the lowest evaluated bid.

The Employer reserves the right to accept or reject any bid, and to annul the bidding process and reject all the bids at any time prior to contract award, without incurring any liability. In all such cases reasons shall be recorded.

The Employer reserves the right of accepting the bid for the whole work or for a distinct part of it.

20. CONFIDENTIALITY

Information relating to examination, evaluation, comparison and recommendation of contract award shall not be disclosed to bidders or any other person not officially concerned with such process until final decision on the bid.

Any attempt by a bidder to influence the Employer in the evaluation of the bids or contract award decisions may result in the rejection of its bid.

F. AWARD OF CONTRACT

21. AWARD OF CONTRACT

The Employer shall notify the successful bidder by issuing a 'Letter of Acceptance' (LOA) that his bid has been accepted.

22. PERFORMANCE SECURITY

Prior to signing of the Contract the bidder to whom LoA has been issued shall have to furnish performance Security of the amount, form and duration, etc. as specified in the Bid Data Sheet.

Additional performance security, if applicable, is mentioned in the Bid Data Sheet and shall be in the form and for the duration etc. similar to performance security

23. SIGNING OF CONTRACT AGREEMENT

The successful bidder shall have to furnish Performance security and additional performance security, if any, and sign the contract agreement within 15 days of issue of LOA.

The signing of contract agreement shall be reckoned as intimation to commencement of work. No separate work order shall be issued by the Employer to the contractor for commencement of work.

In the event of failure of the successful bidder to submit Performance Security and additional performance security if any or sign the Contract Agreement, his EMD shall stand forfeited without prejudice to the right of the employer for taking action against the bidder.

24. CORRUPT PRACTICES

The Employer requires that bidders observe the highest standard of ethics during the procurement and execution of contracts. In pursuance of this policy, the Employer:

1. may reject the bid for award if it determines that the bidder recommended for award has,

- directly or through an agent, engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract; and
2. may debar the bidder declaring ineligible, either indefinitely or for a stated period of time, to participate in bids, if it at any time determines that the bidder has, directly or through an agent, engaged in corrupt, fraudulent, collusive, or coercive practices in competing for, or in executing, a contract.

For the purposes of this provision, the terms set forth above are defined as follows:

- a. “corrupt practice” means the offering, giving, receiving, or soliciting, directly or indirectly, anything of value to influence improperly the actions of another party;
- b. “fraudulent practice” means any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;
- c. “coercive practice” means impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
- d. “Collusive practice” means an arrangement between two or more parties designed to achieve an improper purpose, including influencing improperly the actions of another party.

End of ITB

BID DATA SHEET**General**

S.No	Particulars	Data
1	Office inviting Tender	Varanasi Smart City Ltd., Varanasi
2	RFP No	11/VSCL/SMART GHATS/MAR-18
3	Date of RFP	24 .03.2018
4	Bid document download Available from date	24 .03.2018
5	Website link	http://etender.up.nic.in

Section 1 – NIT

S.No	Particulars	Data
1	Cost of bid document	Rs. 15,000/-
	Cost of bid document payable at	Varanasi
	Cost of bid document in favor of	Chief Executive Officer, VSCL
2	Affidavit format	Annexure B
3	Pre-qualifications required	Yes
	If Yes, details	As per Annexure C
4	Special Eligibility	Yes
	If Yes, details	As per Annexure D
5	Key Dates	Annexure A

Section 2 – ITB

S.No	Particulars	Data
1	Name of work	Ghats Revitalization and Façade Restoration Project
2	Procedure for participation in e-tendering	Annexure E
4	Whether Joint-venture is allowed	Yes
	If yes, requirement for Joint venture	Refer Annexure F
5	Pre-bid meeting to held	Yes
	If Yes, Date, Time & Place	Date: 07 .04.2018 Time from: 1500 hours Place: Conference hall, Ground Floor -Nagar Nigam Sagra, Varanasi
6	Envelope –A containing: Should reach in physical form at	Office of Chief Executive Officer Nagar Nigam Sagra, Varanasi
7	Envelope-B Technical Proposal	Annexure H (Format H-1 to H-5)
8	Envelope-C Financial Bid	Annexure I
9	Materials to be issued by the department	Nil
10	Period of Validity of Bid	120 Days
	Earnest Money Deposit	Rs 20 lakh (Rupees Twenty Lakh only)

Clause Reference	Particulars	Data
11	Forms of Earnest Money Deposit	i. FDR/ e-FDR ii. Demand Draft of National/ Scheduled Commercial Bank
	EMD valid for a period of	120 days
	FDR (Fixed Deposit Receipt) must be drawn in favour of	Chief Executive Officer, VSCL, Varanasi
12	Letter of Acceptance (LoA)	Annexure L
13	Amount of Performance Security	5% of contract amount
14	Additional Performance Security, if any	Yes
15	Performance security in the format	Annexure M
16	Performance security in favour of	Chief Executive Officer, VSCL, Varanasi
17	Performance security valid up to	Till issue of Physical Completion Certificate as per clause

Key Dates & Events

S No.	Department Stage	Bidder's Stage	Start		Expiry	
			Date	Time	Date	Time
1.		Purchase of Tender – Online	24 .03.2018	15.00 Hrs.	23 .04.2018	17.00 Hrs.
2.		Bid Submission – Online	24.03.2018	15.00 Hrs	23 .04.2018	17.00 Hrs.
3.	Technical Proposal Open (Envelope B)		25.04.2018	1500 Hrs		
4.	Financial Bid Open (Envelope C)		Shall be intimated			

Annexure B
(Section 1-NIT)

|| AFFIDAVIT ||

(To be contained in Envelope A)

(On Non-Judicial Stamp of Rs.100)

I/we _____ who is/are _____ (status in the firm/company) and competent for submission of the affidavit on behalf of M/S _____ (contractor) do solemnly affirm an oath and state that: I/we are fully satisfied for the correctness of the certificates/records submitted in support of the following information in bid documents which are being submitted in response to notice inviting e-tender No. _____ for _____ (name of work) dated _____ issued by the _____ (name of the Company).

I/we are fully responsible for the correctness of following self-certified information/ documents and certificates:

1. That the self-certified information given in the bid document is fully true and authentic.
2. That:
 - a. Term deposit receipt deposited as earnest money, demand draft for cost of bid document and other relevant documents provided by the Bank are authentic.
 - b. Information regarding financial qualification and annual turn-over is correct.
 - c. Information regarding various physical qualifications is correct.
3. No close relative of the undersigned and our firm/company is working in the department.

OR

Following close relatives are working in the department:

Name _____ Post _____ Present Posting _____

Signature with Seal of the Deponent (bidder)

I/ We, _____ above deponent do hereby certify that the facts mentioned in above para 1 to 4 are correct to the best of my knowledge and belief.

Verified today _____ (dated) at _____ (place).

Signature with Seal of the Deponent (bidder)

Annexure C

(Section 1 NIT)

PRE-QUALIFICATIONS CRITERIA

- i) The bidder should have an Average Annual Financial Turnover for Construction Works not less than 50% of the probable amount of contract during last 3 financial years.
- ii) The bidder should have executed either of the following within last 7 years.
 - a. One Heritage Conservation Work costing not less than 80% of the probable amount of contract; or
 - b. Two Heritage Conservation Works costing not less than 50% of the probable amount of contract; or
 - c. Three Heritage Conservation Works costing not less than 40% of the probable amount of contract.

Bidders are required to submit the corresponding Work Order copies & Execution/Completion Certificates issued by the respective clients. The Certificates should be issued by respective authority (Not below Executive Engineer) of client. VSCL may call for original certificates for verification.

Note: Work execution/Completion Certificate shall include detailed scope of work, actual cost of work completed with date of commencement & date of completion of the work.

Annexure D
(Section 1 NIT)**SPECIAL ELIGIBILITY CRITERIA****ELIGIBILITY CRITERIA FOR BIDDER:****Prequalification Criteria of the Bidder(s)**

1. The Bidder shall meet the Qualification Criteria specified in Annexure C as a Single firm entirely on its own without forming JV/Consortium for civil works. Only JV with Art Restoration contractor or electrical sub-contractor is permitted. In case of JV, the lead Contractor should fulfill all the eligibility criteria listed in Annexure F.
2. The Client reserves the right to visit previously executed sites (submitted by Contractor as part of Experience) that conform to the above criteria and assess the quality and finish of the same to prequalify the contractor. The Client reserves the right to conduct reference checks on the documents/ work detail submitted by the contractor in 'Technical Bid' to ensure that they have the ability to deliver on quality, timeliness and site management and co-ordination. The Client may disqualify the contractor if any discrepancy is found during the assessment.

Technical Pre-Qualification for Heritage Experience:

1. Before evaluation of the Technical Proposals, Bidder(s) are expected to meet the pre-qualification criteria, which would be a part of the Technical competence. Bidder(s) failing to meet these criteria or not submitting requisite proof for supporting pre-qualification criteria are liable to be rejected at the Technical Proposal level. The Bidder(s) should have the requisite ability to follow the designs and drawings to execute the work, ability to manage complex situations and to effectively coordinate the work with the concerned offices/ officers of the department.
2. The Contracting Firm should be mainly engaged in restoration works of historic buildings, and should have worked on similar 3 projects of heritage building conservation in the last 5 years. Bidder(s) failing to meet these criteria or not submitting requisite proof for supporting pre-qualification criteria are liable to be rejected at the Technical Proposal level. The interested parties should have academic, technical and financial capabilities on the lines, mentioned below:

Experience –

1. The Bidder(s) should have required experience in executing architectural conservation works similar in nature to the Project applied for. Minimum experience of 3 years (Organization) or Minimum Experience of the Company Head/ Technical lead to have an individual experience of 7 years in field of Heritage Conservation Projects.
2. At least one heritage building (declared by state / central government of any Grade) including following works:
 - a. Structural Conservation and Roof Repairs
 - b. Lime Plaster Works
 - c. Door and Window Restoration
 - d. Lakhori/ traditional brick masonry works

Domain Expertise –

1. Bidders should have skilled team of craftsmen with past experience in lime plasters, structural, architectural and interior conservation and should have worked on conservation of listed heritage buildings/protected monuments.
2. The Contractor should have on his payroll a Site-supervision team with the requisite ability to follow the designs and drawings to execute the work, ability to manage complex situations and to effectively coordinate the work with the concerned offices/ officers of the department as per details given in RFP.
3. The Bidder shall provide details of the Domain/ technical experts as per Annexure H-3 Engagement of the proposed personnel shall be subject to approval from the Department of culture. In case such approval is not granted for a certain domain expert, the Bidder shall be required to provide a replacement with equivalent or better qualifications, abilities and relevant experience.
4. The Bidder(s) should attach copy of Muster Roll of employed craftsmen and/or consent letters associated experts in the field of heritage conservation.
5. The information required to be submitted in the Pre-Qualification for the Project should be as per format provided in Annexure H.

TECHNICAL COMPETENCE

1. A supporting cover document shall be provided listing all projects supplied for Evaluation of Technical Competence containing a brief one paragraph write up about the project. This should describe the project in detail including the nature of works undertaken under contract, quantity and specification of works undertaken in the project (like lime plaster, brickwork in lime, restoration works, stitching of structural cracks, lime concrete, stonework, etc.).
2. If available, these work descriptions should preferably be supported with photographs showing executed works (before/after conservation). Projects with photographs to be given preference.
 - a. Name of Project:
 - b. Scope of work:
 - c. Construction experience - key activities:

Annexure E
(Section 2-ITB)**PROCEDURE FOR PARTICIPATION IN E-TENDERING****1. Submission of e-Bids:**

The Bid Submission module of e-procurement website <http://etender.up.nic.in> enables the bidders to submit the e-bids online against this bidding published by the purchaser. Bid may be submitted only during the period and time stipulated in the bidding. Bidders are advised to start the Bid Submission process well in advance so that they can submit their bids in time. The bidders shall submit their bids taking into account the server time, displayed in the e-procurement website. This server time is the time by which the bid submission activity will be allowed till the permissible time on the last date of submission stipulated in the schedule. The bidders cannot submit their bids after the completion of bid submission period. For delay in submission of bids due to any reasons, shall be responsibility of the bidder. The bidders shall follow the instructions mentioned herein under for submission of their e-bids.

- 1.1** For participating in bids through the e-bidding system, it is necessary for the bidders to be the registered users of the e-procurement website <http://etender.up.nic.in>. The bidders shall first register themselves on the e-bidding website, if they have not done so previously, using the option “Click here to enroll” available on the home page of the website.
- 1.2** In addition to the normal registration, the bidder has to register with their Digital Signature Certificate (DSC) in the e-bidding system and subsequently he/ she will be allowed to carry out his /her bid submission activities. Registering the Digital Signature Certificate (DSC) is a onetime activity. Before proceeding to register their DSC, the bidder shall first log on to the e-bidding system using the User Login option on the home page with the logging ID and Password with which they has registered as per clause 1.1 above. For successful registration of DSC on e-procurement website <http://etender.up.nic.in> the bidder must ensure that they possess class-2 /Class-3 DSC issued by any certifying authorities duly approved by Controller of Certifying Authorities. The bidder is also advised to register their DSC on E-procurement website well in advance before bid submission period & time so that they do not face any problem while submitting their e-bid against this bidding. The bidder can perform User Login creation and DSC registration exercise as described in clauses 1.1 and 1.2 above even before bid submission period starts. The purchaser shall not be held responsible if the bidder tries to submit their e-bid at the last moment of submission of bid, but could not submit due to DSC registration problem.
- 1.3** The bidder can search for active biddings through “Search Active Biddings” link, select a bidding in which they are interested in and then move it to ‘My Biddings’ Folder using the option available in the Bid Submission menu. After selecting and viewing the bidding, for which the bidder intends to bid, from “My Biddings” folder, the bidder can place their bid by clicking “pay Offline” option available at the end of the view bidding form. Before this, the bidder should download the bidding document and price Schedule/Bill of Quantity (BOQ) and study them carefully. The bidder shall keep all the documents ready as per the requirements of bidding document in the PDF format except the Price Schedule/Bill of Quantity (BOQ) which shall be in the XLS Format (EXCEL sheet).

- 1.4 After clicking the 'Pay offline' option, the bidder shall be redirected to the relevant page of Terms and conditions. The bidder shall read the Terms and conditions before proceeding to fill in the Bidding fee EMD offline payment details. After entering and saving the Bidding Fee and EMD details, the bidder shall click "Encrypt & Upload" option given in the offline payment details form so that "Bid Document Preparation and Submission" window appears to upload the documents as per technical (Fee details, Qualification details, Bid Form and Technical Specification details) and financial (Bid Form and Price Schedule/BOQ) schedules/packets given in the bidding details. The details of the Demand Draft or any other accepted instrument which is to be sent physically in the original before opening of technical bids, should tally with the details available in the scanned copy and the data entered during with submission time otherwise the bid submitted shall not be accepted.
- 1.5 Next, the bidder should upload the Technical Bid Documents for fee details (Bidding fee and EMD), Qualification details as per PQC, and Financial Bid documents as per BOQ of bidding document. Before uploading, the bidder has to select the relevant Digital signature Certificate. They may be prompted to enter the digital signature Certificate password, if necessary. For uploading, the bidder should click "Browse" button against each document label in Technical and Financial schedules/packets and then upload the relevant PDF/XLS files already prepared and stored in the bidder's computer.
- 1.6 The Bidder shall click "Encrypt" next for successfully encrypting and uploading of required documents. During the above process, the bid documents are encrypted/ locked electronically with the DSC's of the Bid openers to ensure that the bid documents are protected, stored and opened by concerned bid openers only.
- 1.7 After successful submission of bid documents, a page giving the summary of bid submission will be displayed that the process of e- bid submission is completed. The bidder can take a printout of the summary using the "print" option available in the window as an acknowledgement for future reference.
- 1.8 Purchaser reserves the right to cancel any or all Bids without assigning any reason.
- 1.9 The Bidders are advised to upload the scanned documents with minimum of 150 dpi scanner to ensure readable uploaded e- Bids.

2. Deadline for Submission of E-Bids:

- 2.1 E-Bids (Technical and Financial) must be submitted by the bidders at e-procurement website <http://etender.up.nic.in> not later than **the date mentioned in List of Important dates**
- 2.2 The Purchaser may, at his discretion, extend this deadline for submission of bids by amending the bid documents.

3. Late Bids:

- 3.1 The server time indicated in the Bid Management window on the e-procurement website <http://etender.up.nic.in> will be the time by which the bid submission activity will be allowed till the permissible date and time schedule in the bidding. Once the bid submission period is over, the bidder cannot submit their bid. Bidder has to start the Bid Submission well in advance so that the submission process is completed within the scheduled period, failing which; it shall be the bidder's responsibility.

4. Withdrawal and Resubmission of E-Bids:

- 4.1 At any point of time, a bidder may withdraw their bid submitted online before the completion of bid submission period. For withdrawing, the bidder shall first log in using their login ID and password and subsequently by their Digital Signature Certificate on the e-procurement website <http://etender.up.nic.in> The bidder shall then select “My Bids” option in the Bid Submission menu. The page listing all the bids submitted by the bidder shall be displayed. Click “View” to see the details of the bid to be withdrawn. After selecting the “Bid Withdrawal” option, the bidder has to click “Yes” to the message “Do you want to withdraw this bid?” displayed in the Bid Information window for the selected bid. The bidder also has to enter the reason for withdrawing the bid and upload the same for withdraw before clicking the “Submit” button. The bidder has to confirm again by pressing “Ok” button before finally withdrawing their selected bid.
- 4.2 The bidder has to request the purchaser with a letter, attaching the proof of withdrawal and submission of bid security/EMD in the office of purchaser for taking back the bid security/EMD as per the manual procedure.
- 4.3 No bid may be withdrawn in between the period fixed for last date of submission of bids and the period of expiry. Withdrawal of a bid during this interval may result in the Bidder’s forfeiture of their bid security.
- 4.4 The bidder can resubmit their bid as and when required till the scheduled bid submission end date and time. The bid submitted earlier will be replaced by the new one. The bid security submitted by the bidder earlier will be used for revised bid and the new bid submission summary generated after the successful submission of the revised bid will be considered for evaluation purposes. For resubmission, the bidder shall first log in using their Login ID and Password and subsequently by their Digital Signature Certificate on the e-procurement website <http://etender.up.nic.in> The bidder should then select “My Bids” option in the Bid Submission menu. The page listing all the bids submitted by the bidder will be displayed. Click “View” to see the details of the bid to be resubmitted. After selecting the “Bid Resubmission” option, click “Encrypt & Upload” to upload the revised bid documents by following the methodology provided in clauses 1.4 to 1.7.
- 4.5 The bidders can submit their revised bids as many times as possible by up loading their bid documents within the schedule period for submission of e-bids.
- 4.6 No bid can be resubmitted subsequently after the period for submission of bids is over.
5. Bidders are advised to study the bid Document carefully. Submission of bids against the tender notice shall be deemed to have been done after careful study and examination of the procedures, terms and conditions stipulated in the bid Documents with full understanding of its implications.
6. The bid document is available at e-procurement website <http://etender.up.nic.in> Interested bidders may view, download the bidding document, seek clarification and submit their bid online up to the prescribed date and time through uploading on e-procurement website <http://etender.up.nic.in>
7. The bidders are required to submit the cost of bidding document as stated above through demand draft/ Banker’s cheque Chief Executive Officer Varanasi Smart City Ltd” payable at Varanasi, prior to 16:00 Hrs. on date of the scheduled date & time of opening of Part –I of the bid failing which bid shall not be considered/opened.

8. All bids must be accompanied by a Bid Security (EMD) in the form of Bank Guarantee in prescribed proforma or FDR/TDR of scheduled Bank which shall be duly pledged in favour of Chief Executive Officer Varanasi Smart City Ltd” payable at Varanasi. The scanned copy of bid document fee (Tender Cost), Earnest Money, Power of attorney must be up loaded electronically along with all the bid documents. **The original copy of bid document fee, EMD, Power of Attorney made in the name of individual who signed bid document digitally through DSC & Validity Commitment in prescribed proforma provided in tender document on non- judicial stamp paper of Rs 100.00 each should be furnished to the Conference hall, Ground Floor -Nagar Nigam Sagra, Varanasi within the date of opening of part-I of submitted Bid, failing which the bid shall not be considered/ opened.**
9. The bids shall be electronically opened in the presence of bidder’s representatives, who choose to attend, at the prescribed venue, date and time mentioned above.
10. The Purchaser reserves the right to cancel any or all the bids/ annul the bidding process without assigning any reason thereof.
11. In the event of date specified for bids opening, being declared a holiday then the bid shall be opened on next working day at schedule time.
12. All the required documents shall be submitted/ uploaded by the bidder electronically in the PDF format. However, the Financial Bid should be submitted in the XLS format.
13. No deviation from the Technical specification & Technical Conditions shall be acceptable.
14. In Technical Bid (Part – I) Bidders have to quote specifically whether their rates are inclusive or exclusive of Service tax failing which rates quoted shall be treated as inclusive of Service Tax.

Annexure F(Section 2-ITB)**JOINT VENTURE (J.V.)**

If J.V. is allowed following conditions and requirements must be fulfilled –

1. Number of partners in a Joint Venture shall not exceed 2 (two). The partners shall comply with the following requirements:
 - a. One of the partners shall be nominated as being Lead Partner, and this authorization shall be evidenced by submitting a power of attorney signed by legally authorized signatories of all the partners;
 - b. The bid and, in case of successful bid, the Agreement, shall be signed so as to be legally binding on all partners;
 - c. The partner in charge shall be authorized to incur liabilities and receive instructions for and on behalf of any and all partners of the joint venture and the entire execution of the contract, including payment, shall be done exclusively with the partner in charge;
 - d. All the partners of the joint venture shall be liable jointly and severally for the execution of the contract in accordance with the contract terms, and a statement to this effect shall be included in the authorization mentioned under [c] above, as well as in the bid and in the Agreement [in case of successful bid];
 - e. The joint venture agreement should indicate precisely the role and responsibilities of all the members of JV in respect of planning, design, construction equipment, key personnel, work execution, and financing of the project including operation and maintenance of the works. All members of JV should have active participation in execution during the currency of the contract. This should not be varied/modified subsequently without prior approval of the employer;
 - f. The joint venture agreement should be registered, so as to be legally valid and binding on all partners for a period not less than the defects liability/ Maintenance period.
 - g. A copy of the Joint Venture Agreement entered into by the partners shall be submitted with the bid.
2. All the partners should collectively meet the technical and financial eligibility criteria specified in full. Failure to comply with this requirement will result in rejection of the joint venture's bid.
3. The performance security of joint venture shall be in the name of the partner Lead partner/joint venture.
4. Attach the power of attorney of the partners authorizing the Bid signatory(ies) on behalf of the joint venture
5. An individual Bidder cannot at the same time be member of a Joint Venture applying for this Bid. Further, a member of a particular Bidder Joint Venture cannot be member of any other Bidder Joint Venture applying for this bid.
6. Furnish details of participation proposed in the joint venture as below:

PARTICIPATION DETAILS	Firm A (Lead Partner)	Firm B
Financial		
Name of the Banker(s)		
Planning		
Construction Equipment		
Key personnel		
Execution of Work (Give details on contribution of each)		

7. For meeting the minimum qualification criteria of experience of similar nature work, every partner can have experience of different works as defined in similar nature works and together should have the experience of all types of works described in similar nature works.

Annexure G
(Section 2 ITB & GCC)

ORGANIZATIONAL DETAILS
(To be enclosed with technical proposal)

S.N.	Particulars	Details
1.	Registration No. issued by centralized registration system of Govt. of U.P. or proof of application for registration	(If applicable, scanned copy of proof of application for registration to be uploaded)
2.	Valid registration of Bidder in appropriate class through centralized registration of Govt. of U.P. Registration no..... date.....	(Scanned copy of Registration to be uploaded)
3.	Name of Organization/ Individual	
4.	Entity of Organization Individual/Proprietary Firm/Partnership Firm (Registered under Partnership Act)/ Limited Company (Registered under the Companies Act-1956)/ Corporation	
5.	Address of Communication	
6.	Telephone Number with STD Code	
7.	Fax Number with STD Code	
8.	Mobile Number	
9.	E-mail Address for all communications	
	Details of Authorized Representative	
10.	Name	
11.	Designation	
12.	Postal Address	
13.	Telephone Number with STD Code	
14.	Fax Number with STD Code	
15.	Mobile Number	
16.	E-mail Address	

Note: In case of partnership firm and limited company certified copy of partnership deed/ Articles of Association and Memorandum of Association along with registration certificate of the company shall have to be enclosed.

Signature of Bidder with Seal

Date:

Annexure H

(Section 2 of ITB)

**Envelope – B
Technical Proposal**

Technical Proposal shall comprise the following documents:

S.N.	Particulars to be submitted	Format
1.	Financial and Physical Experience	(Format: H - 1)
2.	Annual Turnover	(Format: H - 2)
3.	List of Technical Personnel for the Key Positions	(Format: H - 3)
4.	List of Key equipments/ machine/s quality control labs	(Format: H - 4)
5.	List of Key equipments/ Machines for Construction Work.	(Format: H – 5)

Note:

1. Technical Proposal should be uploaded duly page numbered and indexed.
2. Technical Proposal should be uploaded otherwise will not be considered

**GHAT REVITALIZATION AND FAÇADE RESTORATION PROJECT
VSCL**

Annexure H (Format: H-1)
(Section 2 of ITB

FINANCIAL & PHYSICAL EXPERIENCE DETAILS

Annexure H (Format: H-2)

(Section 2 of ITB)

ANNUAL TURNOVER**Requirements:**

Average annual construction turnover for the construction works to be provided in the following format for the last 3 financial years:

Financial Information			
Financial Year			
Annual Turnover (in INR Crore)			
AVERAGE ANNUAL TURNOVER			
Note: <ul style="list-style-type: none">i. Annual turnover of construction works should be certified by chartered accountant. Mandatory Supporting Documents:ii. Audited balance sheet including all related notes and income statements for the above financial years to be enclosed.			

Annexure H (Format: H-3)

(See clause 14 of Section 2 of ITB)

LIST OF TECHNICAL PERSONNEL FOR THE KEY POSITIONS

Contractor will have to appoint the following key personnel during the execution and entire contract period.

S.N.	Discipline	Minimum Qualification	Required nos.
1.	Project Manager	Degree/ Diploma in Civil Engineering having minimum 7 years of relevant experience in the field of heritage conservation and restoration.	One
2.	Site Supervisor	Degree/ Diploma in Civil Engineering	Two
3.	Craftsman	Domain Experts with requisite ability to follow the designs and drawings to execute the work, ability to manage complex situations and to effectively coordinate the work with the concerned offices/ officers of the department	
i.	Craftsman 1	Expertise: WOODEN structures	One
ii.	Craftsman 2	Expertise: STONE Structures	One
iii.	Craftsman 3	Expertise: CIVIL works (Lime Concrete, lime plaster and lime kara)	One

NOTE: The above is not the total manpower requirement to execute the project.

**GHAT REVITALIZATION AND FAÇADE RESTORATON PROJECT
VSCL**

Annexure H (Format: H-4)

(Section 2 of ITB

LIST OF KEY EQUIPMENT/ MACHINES FOR QUALITY CONTROL LABS

Annexure H (Format: H-5)

(Section 2 of ITB)

LIST OF EQUIPMENTS / MACHINES FOR CONSTRUCTION WORK

S.N.	Equipment Detail	Make	Whether Owned or Confirmed Lease	Nos.
1.	Traditional Chakki with heavy stone wheel			
2.	Water Storage Tank			
3.	Water Tanker			
4.	Pressure Grouting Machine			
5.	H Frame Scaffolding (Metal Cup-lock System)			
6.	Winch machine/ material lift			
7.	Pressure Water Jets			
8.	Lime mixing equipment			
9.	Hand equipment for ornamental work on wood/ stone/lime plaster			
10.	Machine for sand blasting with pressure control			
11.	CNC/ wood carving machines/ land equipment for all the decorative wood work.			

Annexure I
(Section 2 of ITB)

FINANCIAL BID

(To be filled online only and not to be submitted in Hard Copy or Envelope C)

NAME OF WORK: _____

(Name of the work as appearing in the bid for the work)

I/We do hereby BID to execution of the above work within the time specified at the rate (In figures)

_____ (In words) _____ percent below / above or at par based on the Bill of Quantities and item wise rates given therein in all respects and in accordance with the specifications, designs, drawings and instructions in writing in all respects in accordance with such conditions so far as applicable.

I/We have visited the site of work and am/are fully aware of all the difficulties and conditions likely to affect carrying out the work. I/We have fully acquainted myself/ourselves about the conditions in regard to accessibility of site and quarries/ kilns, nature and the extent of ground, working conditions including stacking of materials, installation of tools and plant conditions effecting accommodation and movement of labour etc. required for the satisfactory execution of contract.

Should this bid be accepted, I/We hereby agree to abide by and fulfill all the terms and provisions of the said conditions of contract annexed hereto so far as applicable, or in default thereof to forfeit and pay to the Chief Executive Officer, Varanasi Smart City Limited, Varanasi or his successors in office the sums of money mentioned in the said conditions.

Note:

- i. Only one rate of percentage above or below or at par based on the Bill of Quantities and item wise rates given therein shall be quoted.
- ii. Percentage shall be quoted in figures as well as in words. If any difference in figures and words is found lower of the two shall be taken as valid and correct rate. If the bidder is not ready to accept such valid and correct rate and declines to furnish performance security and sign the agreement his earnest money deposit shall be forfeited.
- iii. In case the percentage “above” or “below” is not given by a bidder, his bid shall be treated as non-responsive.
- iv. All duties, taxes, and other levies payable by the bidder shall be included in the percentage quoted by the bidder.

Signature of Bidder
Name of Bidder

The above bid is hereby accepted by me on behalf of the Chief Executive Officer, Varanasi Smart City Limited, Varanasi dated the _____ day of _____ 20__

Signature of Officer by whom accepted

No.11/ VSCL/SMART GHATS/MAR-18

Dated: _____

LETTER OF ACCEPTANCE (LOA)

M/s. _____

(Name and address of the contractor)

Subject: _____
(Name of the work as appearing in the bid for the work)

Dear Sir (s),

Your bid for the work mentioned above has been accepted on behalf of the (Name of ULB), at your bided offer as per scope of work given therein. You are requested to submit within 15 (Fifteen) days from the date of issue of this letter:

- a. The performance security/ performance guarantee of Rs. _____(in figures) Rupees _____(in words only). The performance security shall be in the shape of term deposit receipt/ bank guarantee of any nationalized / schedule commercial bank.
- b. Sign the contract agreement.

Please note that the time allowed for carrying out the work as entered in the bid is _____months including/excluding rainy season, shall be reckoned from the date of signing the contract agreement.

Signing the contract agreement shall be reckoned as intimation to commencement of work and no separate letter for commencement of work is required. Therefore, after signing of the agreement, you are directed to contact Engineer-in-charge for taking the possession of site and necessary instructions to start the work.

Yours faithfully,

CHIEF EXECUTIVE OFFICER

PERFORMANCE SECURITY

To

_____ [Name of Employer]

_____ [Address of Employer]

WHEREAS _____ [name and Address of Contractor] (Hereinafter called "the Contractor") has

Undertaken, in pursuance of Letter of Acceptance _____ Date _____ to execute _____ No. _____

[Name of Contract and brief description of works] (herein after called "the Contract").

AND WHEREAS it has been stipulated by you in the said Contract that the contractor shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with his obligation in accordance with the contract;

AND WHEREAS we have agreed to give the Contractor such a Bank Guarantee:

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you on behalf of the Contractor, up to a total of _____ [amount of Guarantee]* _____ (in words), such sum being payable in the types and proportions of currencies in which the contract price is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of _____ [amount of Guarantee] as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the contractor before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract of the Works to be performed there under or of any of the Contract documents which may be made between you and the Contractor shall in any way release us from any liability under this Guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid till issue of physical completion certificate.

Signature, Name and Seal of the Guarantor _____

Name of Bank _____

Address _____

Phone No., Fax No., E-mail Address, of _____

Signing Authority _____

Date _____

* An amount shall be inserted by the Guarantor, representing the percentage the Contract Price specified in the Contract including additional security for unbalanced Bids, if any and denominated in Indian Rupees.

SECTION 3
Conditions of Contract

Part – I General Conditions of Contract

[GCC] Table of Clauses of GCC

Clause No.	Particulars	Clause No.	Particulars
	A. General	21	Payments for Variations and / or Extra Quantities
1	Definitions		
2	Interpretations and Documents	22	No compensation for alterations in or restriction of work to be carried out.
3	Language and Law	23	No Interest payable
4	Communications	24	Recovery from Contractors
5	Subcontracting	25	Tax
6	Personnel	26	Check Measurements
7	Force Majeure	27	Termination by Engineer in charge
8	Contractor's Risks	28	Payment upon Termination
9	Liability For Accidents To Person	29	Performance Security
10	Contractor to Construct the Works	30	Security Deposit
11	Discoveries	31	Price Adjustment
12	Dispute Resolution System	32	Mobilization and Construction Machinery Advance
	B. Time Control	33	Secured Advance
13	Programme	34	Payment certificates
14	Extension of Time		E. Finishing the Contract
15	Compensation for Delay	35	Completion Certificate
16	Contractor's Quoted percentage	36	Final Account
	C. Quality Control		F. Other Conditions of Contract
17	Tests	37	Currencies
18	Correction of Defects noticed	38	Labour
	D. Cost Control	39	Compliance with Labour Regulations Defect Liability Period
19	Variations - Change in original	40	Audit and Technical
20	Extra Items	41	Deaths and Permanent Invalidity of Specifications, Designs, Drawings etc. Contractor
		42	Jurisdiction

A. General

1. DEFINITIONS

- “Bill of Quantities” means the priced and completed Bill of Quantities forming part of the Bid.
- “Chief Executive Officer” means the executive officer as defined under the relevant section of the article of association;
- “Completion” means completion of the work as certified by the Engineer-in-Charge, in accordance with provisions of agreement.
- “Contract” means the Contract between the Employer and the Contractor to execute, complete and/or maintain the work. Agreement is synonym of Contract and carries the same meaning wherever used.
- “Contract Data Sheet” means the documents and other information which comprise of the Contract.
- “Contractor” means a person or legal entity whose bid to carry out the work has been accepted by the Employer.
- “Contractor's bid” means the completed bid document submitted by the Contractor to the Employer.
- “Contract amount” means the amount of contract worked out on the basis of accepted bid.
- “Completion of work” means completion of the entire contracted work. Exhaustion of quantity of any particular item mentioned in the bid document shall not imply completion of work or any component thereof.
- “Day” means the calendar day.
- “Defect” means any part of the work not completed in accordance with the specifications included in the contract.
- “Drawings” means drawings including calculations and other information provided or approved by the Engineer-in-Charge.
- “Department” means Varanasi Smart City Limited, Varanasi as the case may be.
- “Employer” means the party as defined in the Contract Data, who employs the Contractor to carry out the work. The employer may delegate any or all functions to a person or body nominated by him for specified functions. The word Employer/Government/Department wherever used denote the Employer.
- “Engineer” means the person named in contract data sheet.
- “Engineer in charge” means the person named in the contract data.
- “Equipment” means the Contractor's machinery and vehicles brought temporarily to the Site for execution of work.
- “Executive Director” means the executive director of the Board as appointed under the provision of the article of association;
- “Government” means Government of India
- “In Writing” means communicated in written form and delivered against receipt.
- “Material” means all supplies including consumables used by the Contractor for incorporation in the work.
- “Stipulated date of completion” means the date on which the Contractor is required to complete the work. The stipulated date is specified in the Contract Data.
- “Specification” means the specification of the work included in the Contract and any modification or addition made or approved by the Engineer-in-Charge.

“Start Date” means the date 14 days after the signing of agreement for the work. However, the employer may extend this time limit by another 14 days, as and when required.

“Sub-Contractor” means a person or corporate body who has a Contract (duly authorized by the employer) with the Contractor to carry out a part of the construction work under the Contract.

“Temporary Work” means work designed, constructed, installed, and removed by the Contractor that are needed for construction or installation of the work.

“Tender/ Bid, Tenderer/ Bidder” are the synonyms and carry the same meaning where ever used.

“Variation” means any change in the work which is instructed or approved as variation under this contract.

“Work” the expression "work" or "works" where used in these conditions shall unless there be something either in the subject or context repugnant to such construction, be construed and taken to mean the work by virtue of contract, contracted to be executed, whether temporary or permanent and whether original, altered, substituted or additional.

2. INTERPRETATIONS AND DOCUMENTS

Interpretations: In the contract, except where the context requires otherwise:

- a. words indicating one gender include all genders;
- b. words indicating the singular also include the plural and vice versa.
- c. provisions including the word “agree”, “agreed” or “agreement” require the agreement to be recorded in writing;
- d. written” or “in writing” means hand-written, type-written, printed or electronically made, and resulting in a permanent record;

Documents Forming Part of Contract:

1. NIT with all amendments.
2. Instructions to Bidders
3. Conditions of Contract:
 - i. Part I General Conditions of Contract and Contract Data; with all Annexures
 - ii. Part II Special Conditions of Contract.
4. Specifications
5. Drawings
6. Bill of Quantities
7. Technical and Financial Bid
8. Agreement
9. Any other document (s), as specified.

3. Language and Law

The language of the Contract and the law governing the Contract are stated in the Contract Data.

4. Communications

All certificates, notice or instruction to be given to the Contractor by Employer/Engineer shall be sent on the address or contact details given by the Contractor in [Annexure H of ITB]. The address and contract details for communication with the Employer/Engineer shall be as per the details given in Contract Data Sheet. Communication between parties that are referred to in the conditions shall be in

writing. The notice sent by facsimile (fax) or other electronic means (email) shall also be effective on confirmation of the transmission. The notice sent by registered post or speed post shall be effective on delivery or at the expiry of the normal delivery period as undertaken by the postal service. In case of any change in address for communication, the same shall be immediately notified to Engineer-in-Charge

5. Subcontracting

Subcontracting shall be permitted for contracts value more than amount specified in the Contract Data with following conditions.

- a. The Contractor may subcontract up to 25 percent of the contract price, only with and after the approval of the Employer in writing, but will not assign the Contract. Subcontracting shall not alter the Contractor's obligations.
- b. The following shall not form part of the sub-contracting:
 - i. hiring of labour through a labour contractor,
 - ii. hiring of plant & machinery
- c. The sub-contractor will have to be registered in the appropriate category in the centralized registration system for contractors of the GoUP

6. Personnel

The Contractor shall employ for the construction work and routine maintenance the technical personnel as provided in the Annexure H-3 of Bid Data sheet, if applicable. If the Contractor fails to deploy required number of technical staff, recovery as specified in the Contract Data will be made from the Contractor.

If the Engineer asks the Contractor to remove a person who is a member of the Contractor's staff or work force, stating the reasons, the Contractor shall ensure that the person leaves the Site within three days and has no further connection with the Works in the Contract.

7. Force Majeure

The term "Force Majeure" means an exceptional event or circumstance:

- a) Which is beyond a party's control,
- b) Which such party could not reasonably have provided against before entering into the contract,
- c) Which, having arisen, such party could not reasonably have avoided or overcome, and
- d) Which is not substantially attributed to the other Party

Force Majeure may include, but is not limited to, exceptional events or circumstances of the kind listed below, so long as conditions (a) to (d) above are satisfied:

- (i) War, hostilities (whether war be declared or not), invasion, act of foreign enemies),
- (ii) Rebellion, terrorism, sabotage by persons other than the contractor's Personnel, revolution, insurrection, military or usurped power, or civil war,
- (iii) Riot, commotion, disorder, strike or lockout by persons other than the Contractor's Personnel,
- (iv) Munitions of war, explosive materials, ionizing radiation or contamination by radio activity, except as may be attributed to the Contractor's use of such munitions, explosives, radiation or radio activity, and
- (v) Natural catastrophes such as earthquake, hurricane, typhoon or volcanic activity,

In the event of either party being rendered unable by force majeure to perform any duty or discharge any responsibility arising out of the contract, the relative obligation of the party affected by such force majeure shall upon notification to the other party be suspended for the period during which

force majeure event lasts. The cost and loss sustained by either party shall be borne by respective parties.

For the period of extension granted to the Contractor due to Force Majeure the price adjustment clause shall apply but the penalty clause shall not apply. It is clarified that this sub clause shall not give eligibility for price adjustment to contracts which are otherwise not subject to the benefit of Price adjustment clause.

The time for performance of the relative obligation suspended by the force majeure shall stand extended by the period for which such cause lasts. Should the delay caused by force majeure exceed twelve months, the parties to the contract shall be at liberty to foreclose the contract after holding mutual discussions.

8. Contractor's Risks

All risks of loss of or damage to physical property and of personal injury and death which arise during and in consequence of the performance of the Contract are the responsibility of the Contractor.

All risks and consequences arising from the inaccuracies or falseness of the documents and/or information submitted by the contractor shall be the responsibility of the Contractor alone, notwithstanding the fact that designs/drawings or other documents have been approved by the department.

9. Liability for Accidents to Person

The contractor shall be deemed to have indemnified and saved harmless the Government and/or the employer, against all action, suits, claims, demands, costs etc. arising in connection with injuries suffered by any persons employed by the contractor or his subcontractor for the works whether under the General law or under workman's compensation Act, or any other statute in force at the time of dealing with the question of the liability of employees for the injuries suffered by employees and to have taken steps properly to ensure against any claim there under.

10. Contractor to Construct the Works

The Contractor shall construct, install and maintain the Works in accordance with the Specifications and Drawings as specified in the Contract Data

In the case of any class of work for which there is no such specification as is mentioned in contract Data, such work shall be carried out in accordance with the instructions and requirement of the Engineer-in-charge.

The contractor shall supply and take upon himself the entire responsibility of the sufficiency of the scaffolding, timbering, Machinery, tools, implements and generally of all means used for the fulfillment of this contract whether such means may or may not approved of or recommended by the Engineer.

11. Discoveries

Anything of historical or other interest or of significant value unexpectedly discovered on the Site shall be the property of the Employer. The Contractor shall notify the Engineer of such discoveries and carry out the Engineer's instructions for dealing with them.

12. Dispute Resolution System

No dispute can be raised except before the Competent Authority as defined in Contract data in writing giving full description and grounds of Dispute. It is clarified that merely recording protest while accepting measurement and/or payment shall not be taken as raising a dispute.

No issue of dispute can be raised after 45 days of its occurrence. Any dispute raised after expiry of 45 days of its first occurrence shall not be entertained and the Employer shall not be liable for claims arising out of such disputes.

The Competent Authority shall decide the matter within 45 days.

Appeal against the order of the Competent Authority can be preferred within 30 days to the Appellate Authority as defined in the Contract data. The Appellate Authority shall decide the dispute within 45 days.

Appeal against the order of the Appellate Authority can be preferred before the Uttar Pradesh Arbitration Tribunal.

The contractor shall have to continue execution of the works with due diligence notwithstanding pendency of a dispute before any authority or forum.

B. Time Control

13. Programme

Within the time stated in the Contract Data, the Contractor shall submit to the Engineer for approval a Programme showing the general methods, arrangements, order, and timing for all the activities in the Works for the construction of works.

The program shall be supported with all the details regarding key personnel, equipment and machinery proposed to be deployed on the works for its execution. The contractor shall submit the list of equipment and machinery being brought to site, the list of key personnel being deployed, the list of machinery/equipments being placed in field laboratory and the location of field laboratory along with the Programme

An update of the Programme shall be a Programme showing the actual progress achieved on each activity and the effect of the progress achieved on the timing of the remaining Works, including any changes to the sequence of the activities.

The Contractor shall submit to the Engineer for approval an updated Programme at intervals no longer than the period stated in the Contract Data. If the Contractor does not submit an updated Programme within this period, the Engineer may withhold the amount stated in the Contract Data from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue Programme has been submitted.

The Engineer's approval of the Programme shall not alter the Contractor's obligations

14. Extension of Time

If the Contractor desires an extension of time for completion of the work on the ground of his having been unavoidably hindered in its execution or on any other grounds, he shall apply, in writing, to the Engineer-in-charge, on account of which he desires such extension. Engineer-in-charge shall forward the aforesaid application to the competent authority as prescribed.

The competent authority shall grant such extension at each such occasion within a period of 30 days of receipt of application from contractor and shall not wait for finality of work. Such extensions shall be granted in accordance with provisions under clause- 15 of this agreement.

In case of the work already in progress, the contractor shall proceed with the execution of the works, including maintenance thereof, pending receipt of the decision of the competent authority as aforesaid with all due diligence.

15. Compensation for delay

The time allowed for carrying out the work, as entered in the agreement, shall be strictly observed by the Contractor.

The time allowed for execution of the contract shall commence from the date of signing of the agreement. It is clarified that the need for issue of work order is dispensed with.

In the event milestones are laid down in the Contract Data for execution of the works, the contractor shall have to ensure strict adherence to the same.

Failure of the Contractor to adhere to the timelines and/or milestones shall attract such liquidated damages as is laid down in the Contract Data

In the event of delay in execution of the works as per the timelines mentioned in the contract data the Engineer-in-charge shall retain from the bills of the Contractor Amount equal to the liquidated damages livable until the contractor makes such delays good. However, the Engineer-in-charge shall accept bankable security in lieu of retaining such amount.

If the contractor is given extension of time after liquidated damages have been paid, the engineer in charge shall correct any over payment of liquidated damages by the Contractor in the next payment certificate.

In the event the contractor fails to make good the delay until completion of the stipulated contract period (including extension of time) the sum so retained shall be adjusted against liquidated damages levied.

16. Contractor's quoted percentage

The contractor's quoted percentage rate referred to in the "Bid for works" will be deducted/ added from/to the net amount of the bill after deducting the cost of material supplied by the department.

C. Quality Control

17. Tests

The Contractor shall be responsible for:

- a. Carrying out the tests prescribed in specifications, and
- b. For the correctness of the test results, whether performed in his laboratory or elsewhere.

The contractor shall have to establish field laboratory within the time specified and having such equipments as are specified in the Contract Data.

Failure of the contractor to establish laboratory shall attract such penalty as is specified in the Contract Data.

Ten percent of the mandatory tests prescribed under the specifications shall be got carried out through Laboratories accredited by National Accreditation Board of Laboratories (NABL) by the Engineer-In –Charge and the cost of the such testing shall be deducted from the payments due to Contractor.

18. Correction of Defects noticed during the Defect Liability Period

The defect liability period of work in the contract shall be the Contract Data

The Contractor shall promptly rectify all defects pointed out by the Engineer well before the end of the Defect Liability Period. The Defect Liability Period shall automatically stand extended until the defect is rectified.

If the Contractor has not corrected a Defect pertaining to the Defect Liability Period to the satisfaction of the Engineer, within the time specified by the Engineer, the Engineer will assess the cost of having the Defect corrected, and the cost of correction of the Defect shall be recovered from the Performance Security or any amount due or that may become due to the contractor and other available securities.

D. Cost Control

19. Variations - Change in original Specifications, Designs, Drawings etc.

The Engineer in charge shall have power to make any alterations, omissions or additions to or substitutions for the original specifications, drawings, designs and instructions, **in consultation with the supervision/DPR consultants**, that may appear to him to be necessary during the progress of the work and the contractor shall carry out the work in accordance with any instructions which may be given to him in writing signed by the Employer, and such alterations, omission, additions or substitutions shall not invalidate the contract and any altered, additional or substituted work, which the contractor may be directed to do in the manner above specified, as part of the work, shall be carried out by the contractor on the same conditions in all respects on which he agree to do the main work.

The time for the completion of the work shall be extended in the proportion that the altered, additional or substituted work bears to the original contract work and the certificate of the Engineer in charge shall be conclusive as to such proportion.

20. Extra items

20.1 All such items which are not in the priced BOQ shall be treated as extra items.

21. Payments for Variations and/ or Extra Quantities

The rates for the additional (Extra Quantities), altered or substituted work/ extra items under this clause shall be worked out in accordance with the following provisions in their respective order: -

- a. The contractor is bound to carry out the additional (Extra quantity), work at the same rates as are specified in the contract for the work.
- b. If the item is not in the priced BOQ and is included in the SOR of the department, the rate shall be arrived at by applying the quoted tender percentage on the SOR rate.
- c. If the rates of the altered or substituted work are not provided in applicable SOR-such rates will be derived from the rates for a similar class (type) of work as is provided in the contract (priced BOQ) for the work.
- d. If the rates are for the altered, substituted work cannot be determined in the manner specified in the sub clause (c) above-then the rates for such composite work item shall be worked out on the basis of the concerned schedule of rates minus/plus the percentage quoted by the contractor.
- e. If the rates of a particular part or parts of the item is not in the schedule of rates and the rates for the altered, or substituted work item cannot be determined in the manner specified in sub clause (b) to (d) above, the rate for such part or parts will be determined by the Competent Authority as defined in the Contract data on the basis of the rate analysis derived out of prevailing market rates when the work was done.
- f. But under no circumstances, the contractor shall suspend the work on the plea of non-acceptability of rates on items falling under sub clause (a) to (d). In case the contractor does not accept the rate approved by Engineer in charge for a particular item, the contractor shall continue to carry out the item at the rates determined by the Competent Authority. The decision on the final rates payable shall be arrived at through the dispute settlement procedure.

22. No compensation for alterations in or restriction of work to be carried out.

If at any time after the commencement of the work, the Government, for any reason whatsoever, not require the whole or any part of the work as specified in the bid to be carried out, the Engineer in charge shall give notice in writing of the fact to the Contractor and withdraw that whole or any part of the work.

The Contractor shall have no claim to any payments or compensation whatsoever, on account of any profit or advantage which he might have derived from the execution of work in full or on account of any loss incurred for idle men and machinery due to any alteration or restriction of work for whatsoever reason.

The Engineer in charge may supplement the work by engaging another agency to execute such portion of the work, without prejudice to his rights.

23. No Interest Payable

No interest shall be payable to the Contractor on any payment due or awarded by any authority.

24. Recovery from Contractors

Whenever any claim against the Contractor for the payment arises under the contract, the Department shall be entitled to recover such sum by:

- a) Appropriating, in part or whole of the Performance Security and additional Performance Security, if any; and/or Security deposit and/or any sums payable under the contract to the contractor.
- b) If the amount recovered in accordance with (a) above is not sufficient, the balance sum may be recovered from any payment due to the contractor under any other contractor of the department, including the securities which become due for release.
- c) The department shall, further have an additional right to effect recoveries as arrears of land revenue

under relevant revenue Code.

25. Tax

With reference to the circular no 962/नौ-9-2017-81ज/17 of dated 17.10.2017 and circular no. 89/नौ-9-2018-81ज/2017 dated: 16/02/2018 from govt. of Uttar Pradesh, the GST amount is to be reimbursed to the contractor separately and other than actual invoice amount. And hence, contractor will submit invoice by showing the actual amount and GST amount separately. The actual amount to be paid as per the rule stated in RFP and the GST amount to be reimbursed as per the circular.

26. Check Measurements

The department reserves to itself the right to prescribe a scale of check measurement of work in general or specific scale for specific works or by other special orders.

Checking of measurement by superior officer shall supersede measurements by subordinate officer(s), and the former will become the basis of the payment.

27. Any over/excess payments detected, as a result of such check measurement or otherwise at any stage up to the date of completion of the defect liability period specified in this contract, shall be recoverable from the Contractor, as per clause 24 above.

28. Termination by Engineer in Charge

If the contractor fails to carry out any obligation under the Contract, the Engineer in charge may by notice require the Contractor to make good the failure and to remedy it within a specified reasonable time.

The Engineer in charge shall be entitled to terminate the contract if the Contractor

- a. Abandons the works or otherwise plainly demonstrates the intention not to continue performance of his obligations under the contract;
- b. the Contractor is declared as bankrupt or goes into liquidation other than for approved reconstruction or amalgamation;
- c. without reasonable excuse fails to comply with the notice to correct a particular defect within a reasonable period of time;
- d. the Contractor does not maintain a valid instrument of financial Security, as prescribed;
- e. the Contractor has delayed the completion of the Works by such duration for which the maximum amount of liquidated damages is recoverable;
- f. If the Contractor fails to deploy machinery and equipment or personnel or set up a field laboratory as specified in the Contract Data.
- g. if the Contractor, in judgment of the engineer in charge has engaged in corrupt or fraudulent practices in competing for or in executing the contract;
- h. Any other fundamental breaches as specified in the Contract Data.

In any of these events or circumstances, the engineer in charge may, upon giving 14 days' notice to the contractor, terminate the contract and expel the Contractor from the site. However, in the case of sub paragraph (b) or (g) of clause 27.2, the Engineer in charge may terminate the contract immediately.

Notwithstanding the above, the Engineer in charge may terminate the contract for convenience by giving notice to the contractor.

29. Payment upon Termination

If the contract is terminated under clause 27.3, the Engineer shall issue a certificate for value of the

work accepted on final measurements, less advance payments and penalty as indicated in the Contract Data. The amount so arrived at shall be determined by the Engineer-in-charge and shall be final and binding on both the parties.

Payment on termination under clause 27.4 above, the Engineer shall issue a certificate for the value of the work done, the reasonable cost of removal of Equipment, repatriation of the contractor's personnel employed solely on the works, and the contractor's costs of protecting and securing the works and less advance payments received up to the date of the certificate, less other recoveries due in terms of the contract and less taxes due to be deducted at source as per applicable law.

If the total amount due to the Employer exceeds any payment due to the Contractor, the difference shall be recovered as per clause 24 above.

30. Performance Security

The Contractor shall have to submit performance security and additional performance security, if any, as specified in Bid data sheet at the time of signing of the contract. The contractor shall have to ensure that such performance security and Additional performance, if any, security remains valid for the period as specified in the Contract data.

31. Security Deposit

Security deposit shall be deducted from each running bill at the rate as specified in the contract data. The total amount of security deposit so deducted shall not exceed the percentage of contract price specified in the Contract data.

The Security may be replaced by equivalent amount of bank guarantee or fixed deposit receipt assigned to the Employer, with validity up to 3(three) months beyond the completion of defect Liability Period/ Extended Defect Liability Period.

The Security deposit shall be refunded on completion of defect liability period.

32. Price Adjustment

Applicability

1. Price adjustment shall be applicable only provided for in the contract data.
2. The price adjustment clause shall apply the works executed from the date of signing of the agreement until the end of the intended completion date or extensions granted for reasons
3. Attributed to the Employer by Engineer The contractor shall not be entitled any benefit arising from the price adjustment clause for
4. Extension in the contract period reasons attributed to the contractor. In the Force Majeure event price escalation clause shall apply.

Procedure

1. Contract price shall be adjusted for increase or decrease in rates and price of labour, materials, fuels and lubricants in accordance with following and procedures and as per formula given in the contract data.
2. The price adjustable shall be determined from the formula given in the contract data.
3. Following expression and meaning are assigned to done during each quarter:
 $R =$ Total value of work during the quarter include the amount of secured advance granted, if any, during the secured advance recovered, if any during 3 the quarter, less value of department, if any during the quarter. Weight ages of various components they shall be as per the Contract Data.

To the extent that full compensation any rise or fall in costs to the contractor is not covered by the provisions of this or clauses in the contact, the unit rates and prices included in the contract shall be

deemed amounts to cover the contingency of such other rise or fall in costs.

The index relevant to any quarter, for which such compensation is paid, shall be the arithmetical average of the indices relevant of the calendar month.

For the purpose of clarity it is pointed out that the adjustment may be either positive or negative, i.e. if the price adjustment is in favor the same shall be recovered from the sums payable to the Contractor.

33. Mobilization and Construction Machinery

Payment of advances shall be applicable not more than 5% against the bank guarantee against 10% interest per annum for project mobilization.

If applicable, the Engineer bearing advance payment to the contractor of the against provision by the contractor of an unconditional Bank in nationalized/Scheduled banks, in the name as stated in the in the advance payment. The Guarantee shall remain effective been repaid, but the amount of the guarantee shall be progressively repaid by the contractor.

The rate of interest shall be as per Contract data.

The construction machinery advance, if applicable, shall be limited to 80% of the cost of new construction machinery.

The advance shall be recovered as stated in the Contract data by deducting proportionate amounts from payment otherwise due to the Contractor. No account shall be taken of the advance payment or its recovery in assessing valuations of work done, variations, price adjustments, compensation events, or liquidated damages.

34. Secured Advance

Payment of secured advance shall be applicable if provided in Contract data.

If applicable, the Engineer shall make advance materials intended for but not yet incorporated in the works and against of an unconditional bank guarantee in a form and by a nationalized/scheduled name as stated in the contract data, in amounts equal to the guarantee shall remain effective until the advance payment has been of the guarantee shall be progressively reduced by the amounts adjusted contractor.

The amount of secured advance and conditions to be fulfilled shall be as stipulated in the Contract Data.

The secured advance paid shall be recovered as stated in the Contract data.

35. Payment Certificates

The payment to the contractor will be as follows for construction work:

- a. The contractor shall submit to the engineer monthly statement of the value of the work executed less the cumulative amount certified previously, supported with detailed measurement of the items of work executed.
- b. The engineer shall check the Contractor's monthly statement and certify the amount to be paid to the contractor.
- c. The value of work executed shall be determined, based on the measurements approved by the Engineer/ Engineer in charge.
- d. The value of work executed shall comprise the value of the quantities of the items in the Bill of quantities completed.

- e. The value of work executed shall also include the valuation of variations and compensation events.
- f. All payments shall be adjusted for deductions for advance payment, security deposit, other recoveries in terms of contract and taxes at source as applicable under the law.
- g. The Engineer may exclude any item certified in a previous certificate or reduce the proportion of any item previously certified in any certificate in the light of later information.
- h. Payment of intermediate certificate shall be regarded as payments by way of advance against the final payment and not as payments for work actually done and completed.
- i. Intermediate payment shall not preclude the requiring of bad, unsound and imperfect or unskilled work to be removed and taken away and reconstructed or be considered as an admission of the due performance of the contractor any part thereof, in any respect or the occurring of any claim.
- j. The payment of final bill shall be governed by the provisions of clause 36 of GCC.

E. Finishing the Contract

36. Completion Certificate

A completion certificate in the prescribed format in Contract data shall be issued by the Engineer in charge after physical completion of the work.

After final payment to the contractor, a final completion certificate in the prescribed format in the contract data shall be issued by the Engineer in charge.

37. Final Account

The Contractor shall supply the Engineer with a detailed account of the total amount that the Contractor considers payable for works under the Contract within 21 days of issue of certificate of physical completion of works. The Engineer shall issue a Defects Liability Certificate and certify any payment that is due to the Contractor within 45 days of receiving the Contractor's account if it is correct and complete. If the account is not correct or complete, the Engineer shall issue within 45 days a schedule that states the scope of the corrections or additions that are necessary. If the Account is still unsatisfactory after it has been resubmitted, the matter shall be referred to the competent authority as defined in the Contract data, who shall decide on the amount payable to the contractor after hearing the Contractor and the Engineer in Charge.

In case the account is not received within 21 days of issue of Certificate of Completion as provided in clause 32.1 above, the Engineer shall proceed to finalize the account and issue a payment certificate within 28 days. G. Other Conditions of Contract

F. Other Conditions of Contract

38. Currencies

All payments will be made in Indian Rupees.

39. Labour

The Contractor shall, unless otherwise provided in the Contract, make his own arrangements for the engagement of all staff and labour, local or other, and for their payment, housing, feeding and transport.

The Contractor shall, if required by the Engineer, deliver to the Engineer a return in detail, in such form and at such intervals as the Engineer may prescribe, showing the staff and the numbers of the several classes of labour from time to time employed by the Contractor on the Site and such other information as the Engineer may require.

40. COMPLIANCE WITH LABOUR REGULATIONS

39.1 During continuance of the Contract, the Contractor and his sub-Contractors shall abide at all times by all existing labour enactments and rules made there under, regulations, notifications and bye laws of the State or Central Government or local authority and any other labour law (including rules), regulations, bye laws that may be passed or notification that may be issued under any labour law in future either by the State or the Central Government or the local authority. Salient features of some of the major labour laws that are applicable to construction industry are given in the Contract data. The Contractor shall keep the Employer indemnified in case any action is taken against the Employer by the competent authority on account of contravention of any of the provisions of any Act or rules made there under, regulations or notifications including amendments. If the Employer is caused to pay or reimburse, such amounts as may be necessary to cause or observe, or for non-observance of the provisions stipulated in the notifications/byelaws/Acts/Rules/ regulations including amendments, if any, on the part of the Contractor, the Engineer/Employer shall have the right to deduct any money due to the Contractor including his amount of performance security. The Employer/Engineer shall also have right to recover from the Contractor any sum required or estimated to be required for making good the loss or damage suffered by the Employer. The employees of the Contractor and the Sub-Contractor in no case shall be treated as the employees of the Employer at any point of time.

41. Audit and Technical examination

Government shall have the right to cause an audit and technical examination of the works and the final bill of the contract including all supporting vouchers, abstract etc. To be made after payment of the final bill and if as a result of such audit and technical examination any sum is found to have been overpaid in respect of any work done by the contractor under the contract or any work claimed by him to have been done under the contract and found not to, have been executed, the contractor shall be liable to refund the amount of overpayment and it shall be lawful for government to recover the same from him in the manner prescribed in clause 24 above and if it is found that the contractor was paid less than what was due to him, under the contract in respect of any work executed by him under it, the amount of such under payment shall be duly paid by government to the Contractor.

42. Death or permanent invalidity of contractor

During continuance of the contract, the contractor and his sub- contractors shall abide at all times by all existing labour enactments and rules made there under, regulations, notifications, and bye laws of the state or central government or local authority and any other labour law (including rules), regulations, bye laws that may be passed or notification that may be issued under any labour law in future either by the state or the major labour laws that are applicable to construction industry are given in the contract data. The contractor shall keep the employer indemnified in case any action is taken against the employer by the competent authority on account of contravention of any of the provisions of any Act or rules made their under, regulations or notifications including amendments. If the Employer is caused to pay or reimburse, such amounts as may be necessary to cause or observe, or for non-observance of the provisions stipulated in the notifications/bye laws/Acts/Rules regulations including amendments, if any, on the part of the contractor, the engineer/employer shall have the right to deduct from any money due to the contractor including his amount of performance of security. The employer/engineer shall also have right to recover from the contractor any sum required or estimated to be required for making good the loss or damage suffered by the employer. The employees of the contractor and the sub-contractor in no case shall be treated as the employees of the employer at any point of time.

43. Jurisdiction

This contract has been entered into the State of Uttar Pradesh and its validity, construction, interpretation and legal effect shall be subjected to the exclusive jurisdiction of the courts in Varanasi or of the courts at the place where this agreement is entered into. No other jurisdiction shall be

applicable.

[End of GCC]

CONTRACT DATA SHEET

Clause	Particula	Data
1.14	Employer	Varanasi Smart City Limited, Varanasi
1.15	Engineer	Engineer as notified by employer
1.16	Engineer In Charge	Executive Engineer of VSCL
1.22	Stipulated period of completion	12 Months (including rainy season)
3	Language & Law of Contract	English and Indian Contract Act 1872
4	Address & contact details of the Contractor	As per "Annexure G"
	Address & contact details of the Employer/Engineer-phone, Fax, e-mail.	-
5	Subcontracting permitted for contract value	Not permitted
6	Technical Personnel to be provided by the contractor	As per 'Annexure-H' (Format H-3)
	Penalty, if required Technical personal not available.	At the monthly rate of Rs. 40,000/- for Project Manager, Rs 25,000/- for site supervisors, Rs 20,000/- for each craftsman, computed on per day basis.
10	Drawings	As per "Annexure L"
12	Competent authority for deciding dispute under Dispute resolution system	Chief Executive Office, VSCL, Varanasi
	Appellate Authority for deciding dispute under Dispute resolution system	Executive Director, VSCL, Varanasi
13	Period of submission of updated construction program	-
14	Competent authority for granting time permission	Executive Director, VSCL, Varanasi
16	List of equipment for lab	-
	Time to establish	-
	Penalty for not establishing lab	After issuing of completion certificate by engineer in charge
17	Defect Liability Period for Civil Work	60 months after physical completion of the work
18	Competent authority for determining the rate	Executive Director, VSCL, Varanasi
19	Any other condition for breach of contract	-

20	Penalty	Penalty shall be recovered from a. Security deposit as per clause of General Conditions of Contract; and b. Liquidated damages imposed as per clause from performance security (Guarantee)
		Performance Security (Guarantee), if any, as per clause of General Conditions of Contract, whichever is higher.
21	Performance guarantee (Security) shall be valid up to	Till completion of physical period as per Clause.
22	Security deposit to be deducted from each running bill	At the rate of 5%
	Maximum limit of deduction of Security Deposit	5% of final contract amount
23	Price adjustment formula and procedure to calculate	Not Applicable
24.1 (1)	Price adjustment shall be applicable	Not Applicable
25	25.1 Mobilization and Construction Machinery Advance applicable	Maximum 5% mobilization advance to be paid against Bank Guarantee as well as 10% interest per annum.
	25.2 If yes, unconditional Bank Guarantee	As per Annexure Q
	25.3 If Yes Rate of Interest	10% per annum
	25.4 If Yes, Type and Amount that can be paid	-
	25.5 If Yes, Recovery of Payment	-
26	26.1 Secured Advance Payable	No Secured Advance Payable.
	26.2 If Yes, Amount of Secured	-
	26.3 If Yes, Conditions for Secured Advance	-
	26.4 If Yes, Recovery of Secured Advance	-
27	Completion Certificate – after physical completion of work	As per Annexure R
	Final Completion Certificate – after final payment on completion of the	As per Annexure S
28	Salient features of some of the major labour laws that are	As per Annexure T

Annexure L

(Section 3 of GCC)

DRAWINGS



GENERAL NOTES:

1. All dimensions are in millimeters and are dimensions unless otherwise specified.
2. All levels are in meters and are finished unless otherwise specified. All levels are indicated thus: ∇ 111.111m
3. Do not scale drawings. Only written dimensions shall be followed, any discrepancies noted shall be brought to the notice of the Architect prior to the execution.
4. These drawings shall be correlated and read in conjunction with relevant consultant's approved drawings for services, electrical, plumbing for drainage and irrigation.
5. For details such as pathways, fencing railing, grills, lighting fixtures, toilets, channel, chader, sump, flowerbed, street Sections etc. refer relevant architectural/landscape drawings.

LEGEND

SPECIAL NOTE

REVISION	DATE	CHECKED BY

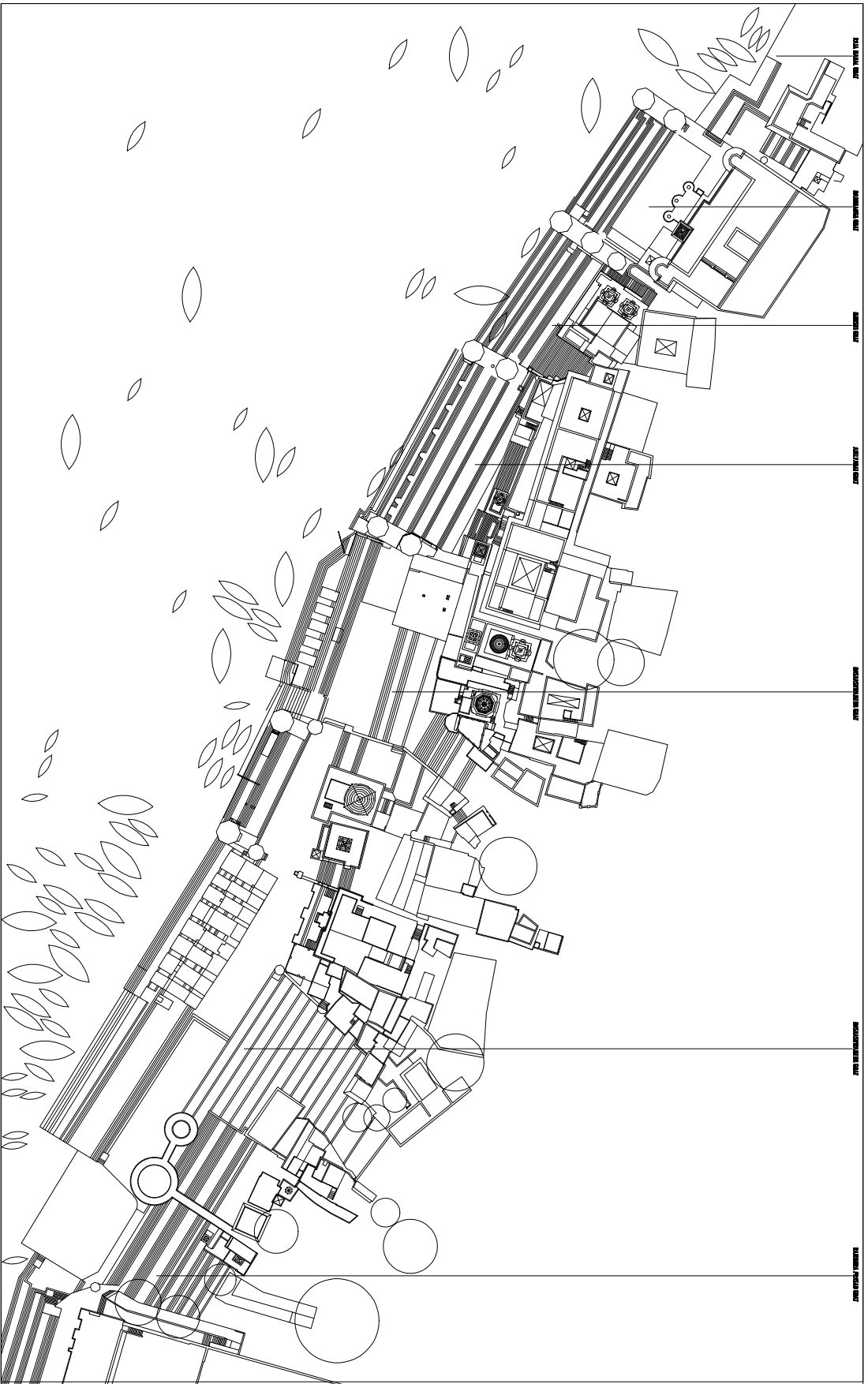
This drawing is copyright. It is the property of the Project Management Consultant & is not to be reproduced copied, handed over to a third party or used any purpose other than for it has been issued.

CLIENT:- VARANAASI SMART CITY LIMITED
 PROJECT:- GHATS REVITALIZATION AND FACADE IMPROVEMENT PROJECT

SCALE:- NORTH:-
 NOT TO SCALE ∇ 1:1 INCHES
 DRAWN BY:- SAHIL K. YADAV
 CHECKED BY:- ABHINAV KUSHWA
 DATE:- 14.10.2017
 TITLE:- GHATS UNDER SUBJECT AREA

GentThaman REPC
ANNIB CONSULTANTS
 ASHESH SRIVASTAVA
 ARCHITECT

PLAN



GENERAL NOTES:

1. All dimensions are in millimeters and are dimensions unless otherwise specified.
2. All levels are in meters and are finished unless otherwise specified. All levels are indicated thus: $LEVEL$.
3. Do not scale drawings. Only written dimensions shall be followed. Any discrepancies noted shall be brought to the notice of the Architect prior to the execution.
4. These drawings shall be correlated and read in conjunction with relevant contract documents, specifications for drainage and irrigation.
5. For details such as pathways, fencing railing, grills, lighting fixtures, toilets, channel, shades, ramp, flowerbed, street Sections etc. refer relevant architectural/landscape drawings.

LEGEND

SPECIAL NOTE

REVISION	DATE	CHECKED BY

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CLIENT :- VABANASI SMART CITY LIMITED
PROJECT :- REVITALIZATION OF GRANS AND FACADE RESTORATION

SCALE :- NORTH
NOT TO SCALE

DATE: 15/05/2024
DRAWN BY: ASHWINI KUMAR
CHECKED BY: ASHWINI KUMAR
TITLE: PLAN CONDITION MAINTENANCE



AMBARESH KUMAR
ARCHITECT



- GENERAL NOTES:**
- All dimensions are in millimeters and are dimensions unless otherwise specified.
 - All levels are in meters and are finished unless otherwise specified. All levels are indicated thus: $LVL.00m$.
 - Do not scale drawings. Only written dimensions shall be followed. Any discrepancies noted shall be brought to the notice of the Architect prior to the execution.
 - These drawings shall be correlated and read in conjunction with relevant contract documents and drawings for drainage and irrigation.
 - For details such as pathways, fencing railing, grille, lighting fixtures, toilets, channel, shade, ramp, flowerbed, street Sections etc. refer relevant architectural/landscape drawings.

- LEGEND**
- brick/stone/
 - steel
 - 37.5mm thick stone slabs
 - water overflow
 - shade/overhangs
 - manhole
 - overhead wire
 - wooden chokki
 - benches
 - high mast light/sound
 - View

SPECIAL NOTE

REVISION	DATE	CHECKED BY

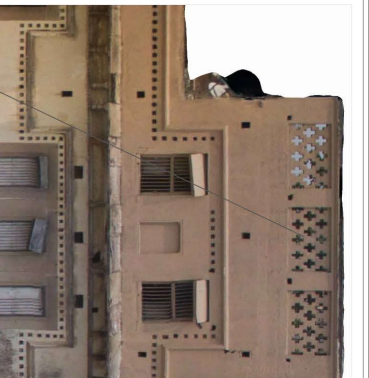
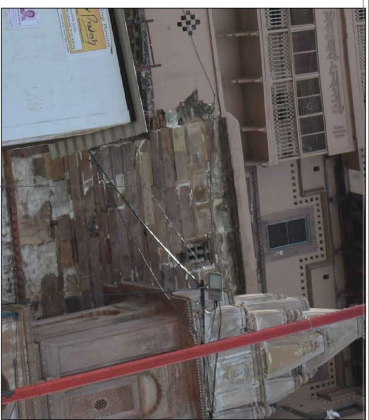
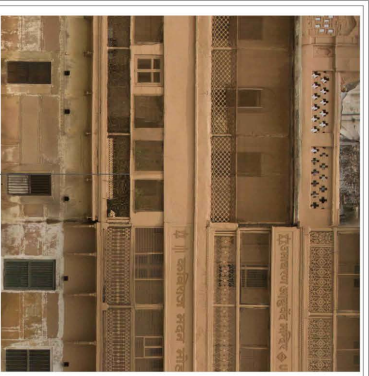
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CLIENT :- VARANASI SMART CITY LIMITED
 PROJECT :- REVITALIZATION OF GRANTS AND FACADE RESTORATION

SCALE :- NORTH :-
 NORTH :-
 NORTH :-
 NORTH :-

TITLE :- PLAN CONDITION MAINTENANCE

DATE :-
 DATE :-
 DATE :-



GENERAL NOTES:

1. All dimensions are in millimeters and are dimensions unless otherwise specified.
2. All levels are in meters and are finished unless otherwise specified. All levels are indicated thus: JXL,mm
3. Do not scale drawings: Only written dimensions shall be followed, any discrepancies noted shall be brought to the notice of the Architect prior to the execution.
4. These drawings shall be correlated and read in conjunction with relevant consultant's approved drawings for services, electrical, plumbing drainage and irrigation.
5. For details such as pathways, fencing railing, grills, lighting fixtures, toilets, channel, chaser, sump, flowerbed, street Sections etc. refer relevant architectural/landscape drawings.

LEGEND:

- CRACKS IN THE BRICK
- EXPOSED MASONRY
- DE-FIGURATION OF FACADE
- MISSING ELEMENTS
- GRAFFITI AND PAINT
- DAMPNESS IN STONE SURFACE
- IN-CONGRUOUS ADDITION
- DECAYED PLASTER

LEGEND

* REMOVAL OF ALIEN MATERIAL

* CLEAN STONE SURFACE AND REPLACE DEFECTED STONE FROM THE FACADE.

* ARRANGE ELECTRICITY WIRES

SPECIAL NOTE

- * SCOPE DOORS AND WINDOWS ARE IN BAD CONDITION. MAINTAIN THEM AS ARCH. DWG.
- * PAINTING WORK TO BE DONE AS ARCH. APPROVAL
- * REMOVE UNWANTED INSCRIPTION FROM THE ELEVATION
- * REMOVAL OF ALIEN MATERIAL
- * CLEAN STONE SURFACE AND REPLACE DEFECTED STONE FROM THE FACADE.
- * ARRANGE ELECTRICITY WIRES

REVISION	DATE	CHEKED BY

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CLIENT :-
VARANASI SMART CITY LIMITED

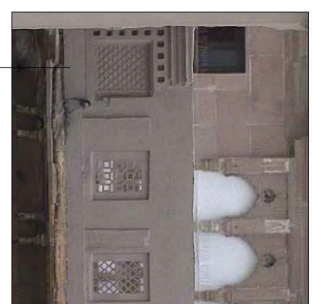
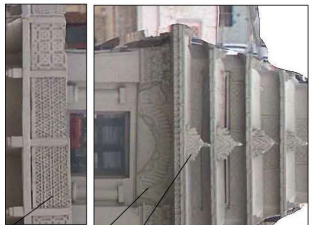
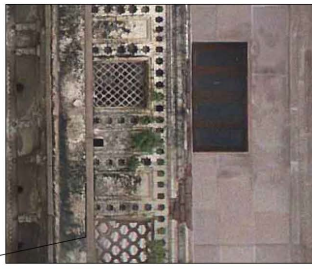
PROJECT :-
GHATS REVITALIZATION AND FACADE IMPROVEMENT PROJECT

SCALE :-
NTS

DEALT BY :- MABNALINI

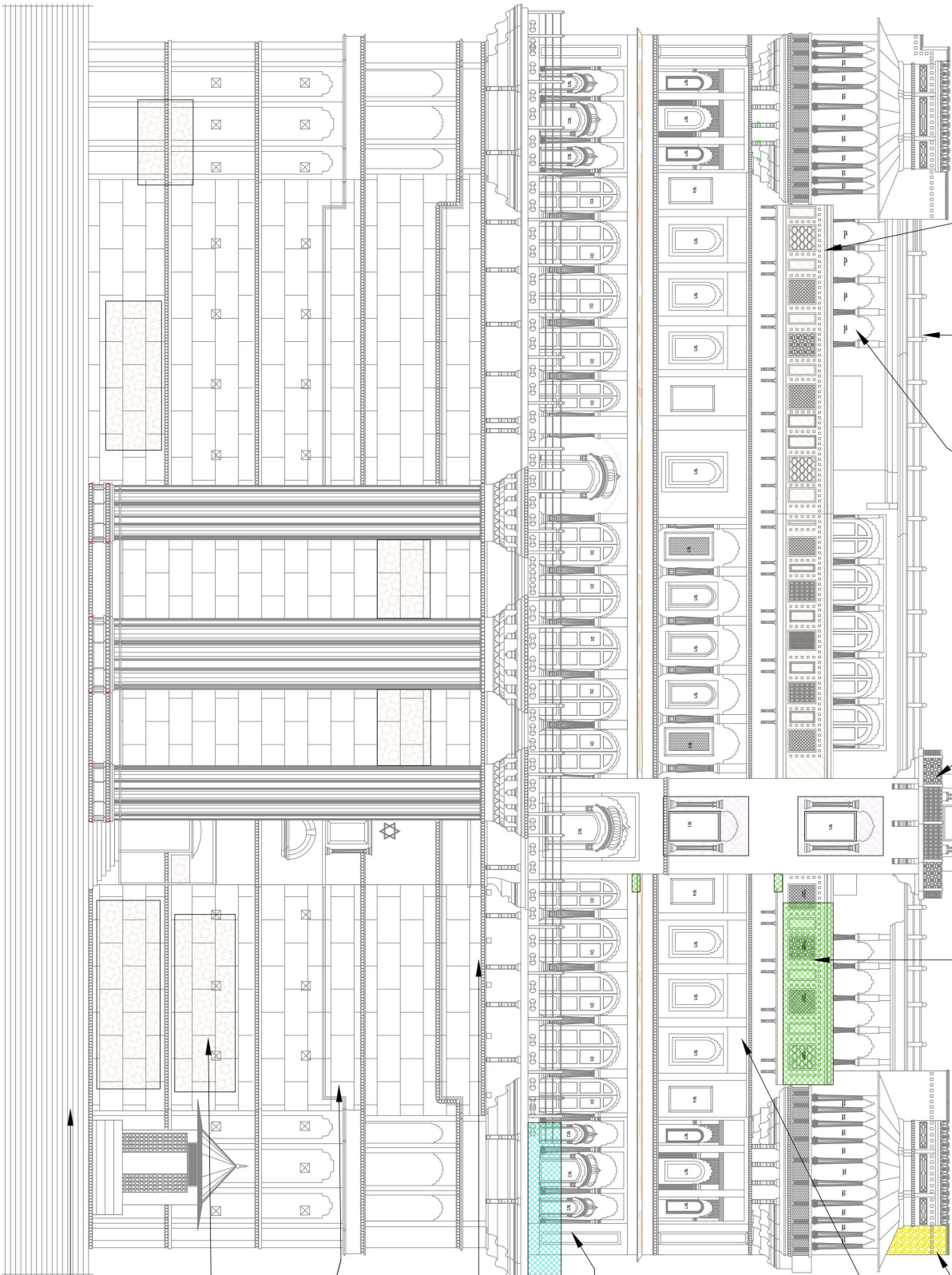
TITLE :- AHILYABAI GHAT ELEVATION (CONDITION MAPPING)

ANIB CONSULTANTS ASHISHI SRIVASTAVA ARCHITECT



- NOTE:**
- * ALL DOORS AND WINDOWS ARE WELL MAINTAINED ONLY CLEANING WORK WILL BE DONE
 - * PAINTING WORK TO BE DONE AS ARCH. APPROVAL
 - * REMOVE UNWANTED INSCRIPTION FROM THE ELEVATION.
 - * REMOVAL OF ALIEN MATERIAL
 - * CLEAN STONE SURFACE AND REPLACE DEFECTED STONE FROM THE FACADE.
 - * ARRANGE ELECTRICITY WIRES

- GENERAL NOTES:**
1. All dimensions are in millimeters and are dimensions unless otherwise specified.
 2. All levels are in meters and are finished unless otherwise specified. All levels are indicated thus: $\pm 111.11m$
 3. Do not scale drawings. Only written dimensions shall be followed, any discrepancies noted shall be brought to the notice of the Architect prior to the execution.
 4. These drawings shall be correlated and read in conjunction with relevant consultant's approved drawings for drainage and irrigation.
 5. For details such as pathways, fencing railing, grills, lighting fixtures, toilets, channel, chader, sump, flowerbed, street Sections etc refer relevant architectural/landscape drawings.



LEGEND:

- CRACKS IN THE BRICK
- EXPOSED MASONRY
- DE-FIGURATION OF FACADE
- MISSING ELEMENTS
- GRAFFITI AND PAINT
- DAMPNESS IN STONE SURFACE
- IN-CONGRIOUS ADDITION

REVISION	DATE	CHEKED BY

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CLIENT: VARANASI SMART CITY LIMITED

PROJECT: GHATS REVITALIZATION AND FACADE IMPROVEMENT PROJECT

SCALE: NORTH: 1:100 DRG. NO.: NTS

DEALT BY: NTS **CHECKED BY:** NTS

MINIMALINI ABHIRAVY **DATE:** 07.11.2017

TITLE: BRIDJANA GHAT ELEVATION (CONDITION MAP/PSNO)

REPI **ASHESH SRIVASTAVA ARCHITECT**



GENERAL NOTES:

1. All dimensions are in millimeters and are dimensions unless otherwise specified.
2. All levels are in meters and are finished unless otherwise specified. All levels are indicated thus: \triangle Lvl.1m
3. Do not scale drawings. Only written dimensions shall be followed, any discrepancies noted shall be brought to the notice of the Architect prior to the execution.
4. These drawings shall be correlated and read in conjunction with relevant consultant's approved drawings for services, electrical, plumbing for drainage and irrigation.
5. For details such as pathways, fencing railing, grills, lighting fixtures, toilets, channel, chader, sump, flowerbed, street Sections etc. refer relevant architectural/landscape drawings.

LEGEND

SPECIAL NOTE

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CLIENT :- VARANASI SMART CITY LIMITED

PROJECT :- GHATS RENOVATION AND FACADE IMPROVEMENT PROJECT

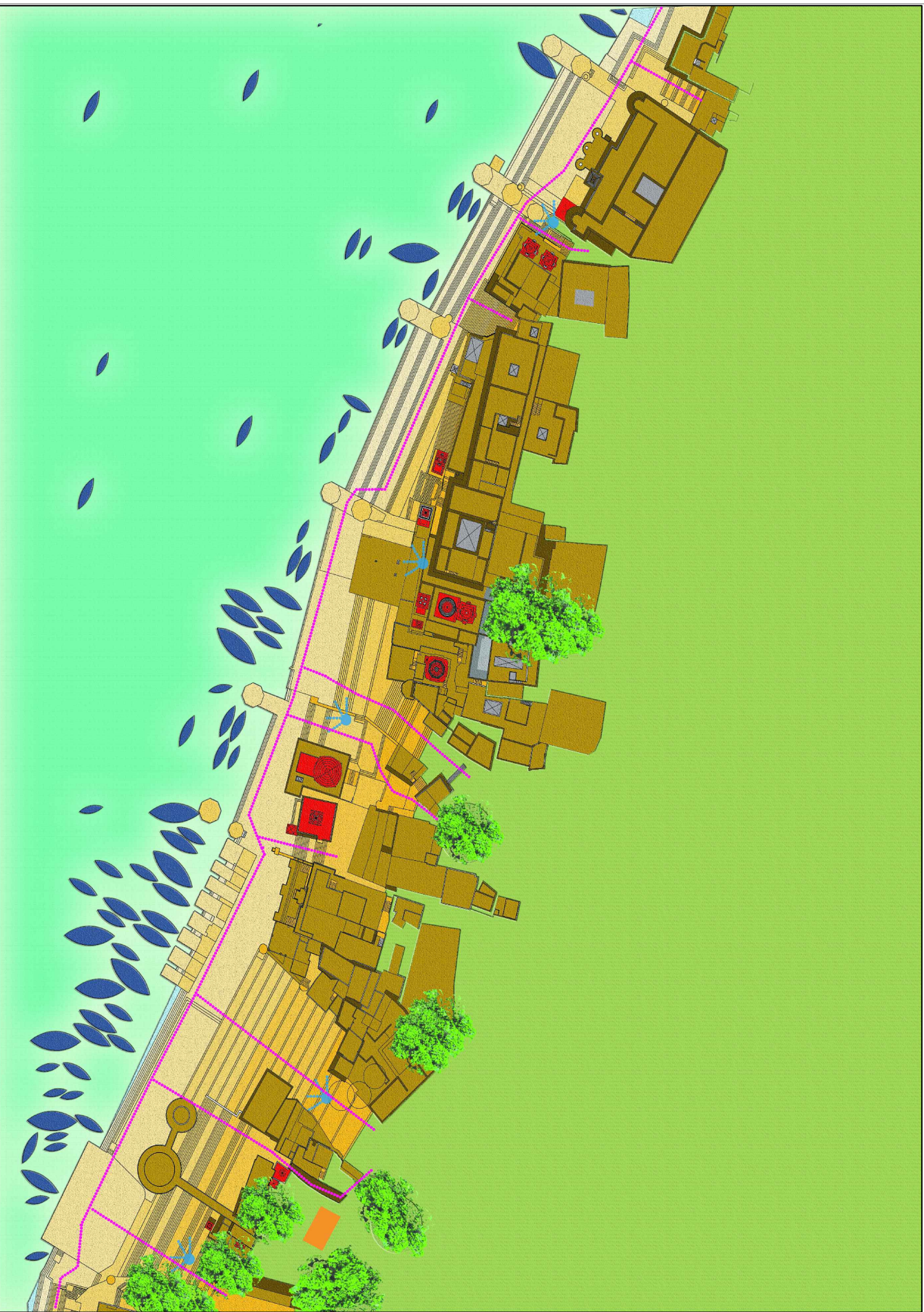
SCALE :- NORTH :- DRG. NO. :-

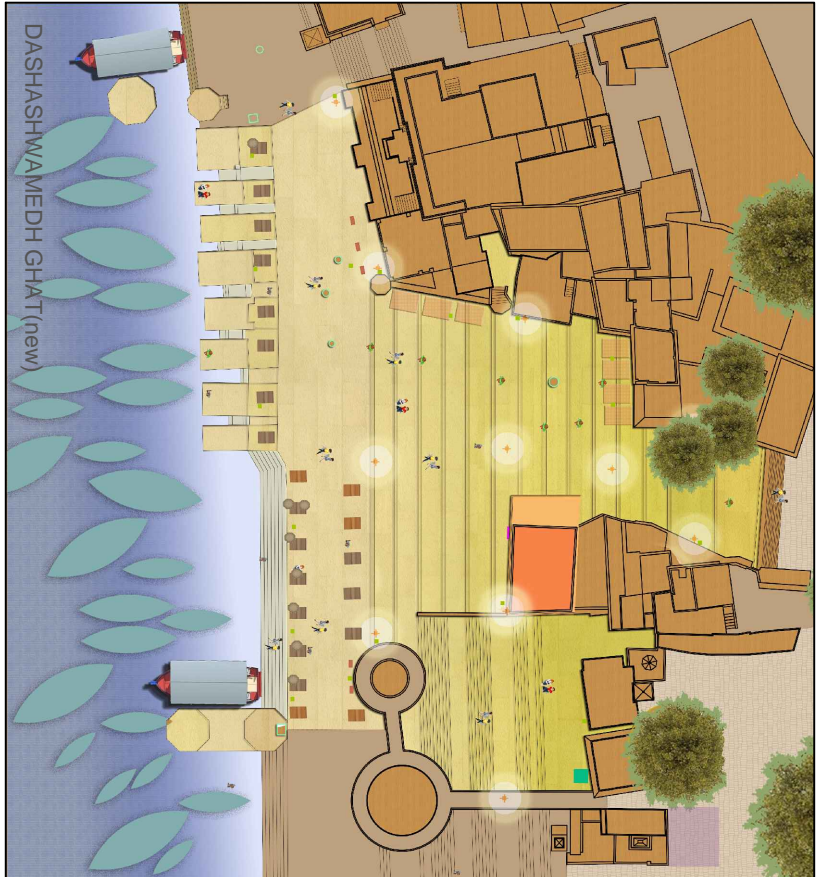
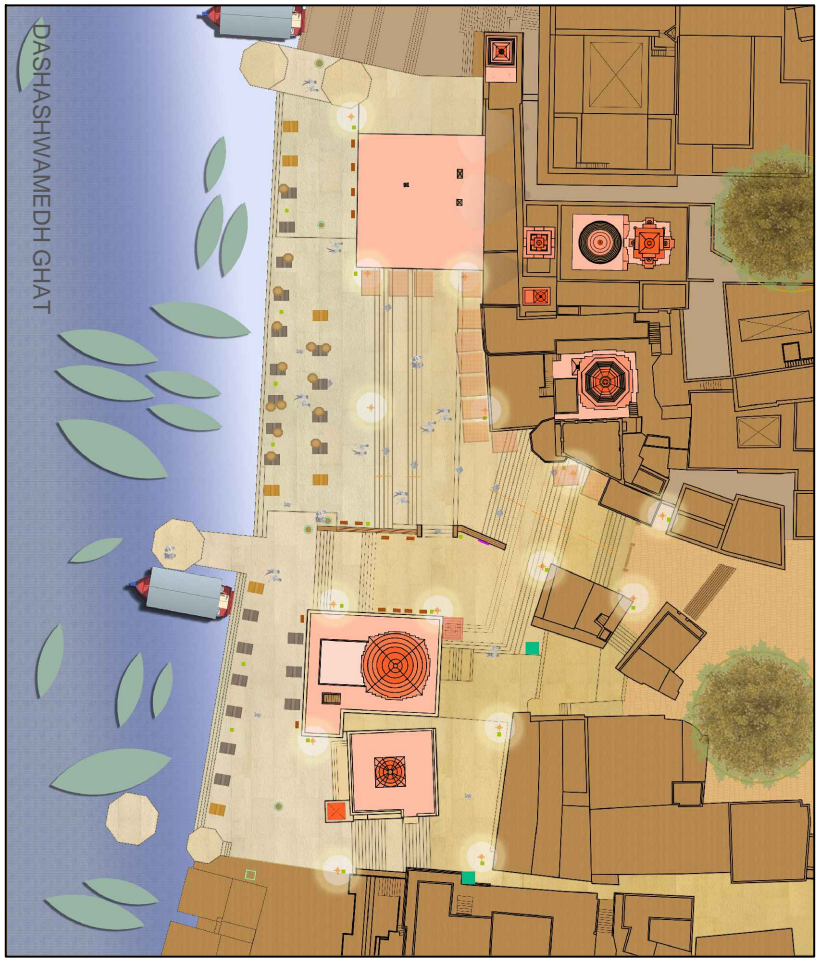
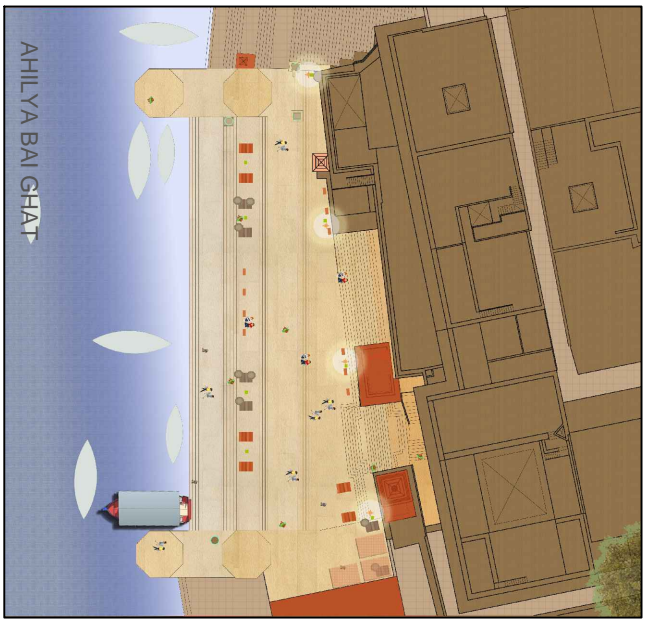
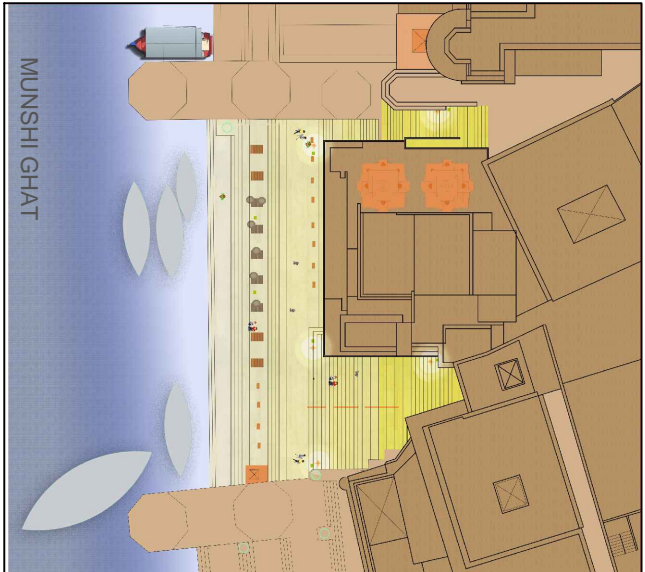
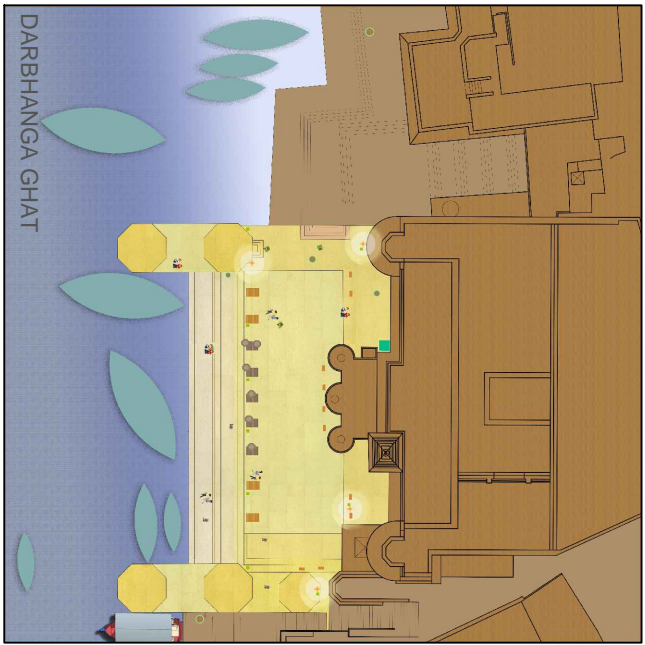
NOT TO SCALE \rightarrow A-1/30A/15

DRAWN BY :- SAHIL K. YADAV DATE :- 1.10.2017

CHECKED BY :- ABHINAV KAUSHAL

TITLE :- GHATS ACCESS AND MOVEMENT





GENERAL NOTES:

1. All dimensions are in millimeters and are dimensions unless otherwise specified.
2. All levels are in meters and are finished unless otherwise specified. All levels are indicated thus: Δ Lvl. (mm)
3. Do not scale drawings. Only written dimensions shall be followed, any discrepancies noted shall be brought to the notice of the Architect prior to the execution.
4. These drawings shall be correlated and read in conjunction with relevant consultant's approved drawings for drainage, electrical, plumbing and irrigation.
5. For details such as pathways, fencing railing, grills, lighting fixtures, toilets, channel, chader, sump, flowerbed, street Sections etc. refer relevant architectural/landscape drawings.

LEGEND

REVISION	DATE	CHECKED BY

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CLIENT - VARANAASI SMART CITY LIMITED

PROJECT - GHATS REVITALIZATION AND FACADE IMPROVEMENT PROJECT

SCALE - NORTH -> DRG. NO. -> NOT TO SCALE

CHECKED BY -> A.Z. BHARVA

DATE -> 1.10.2017

TITLE -> GHATS PROPOSED PLANS

ASHESH SRIVASTAVA
 ARCHITECT



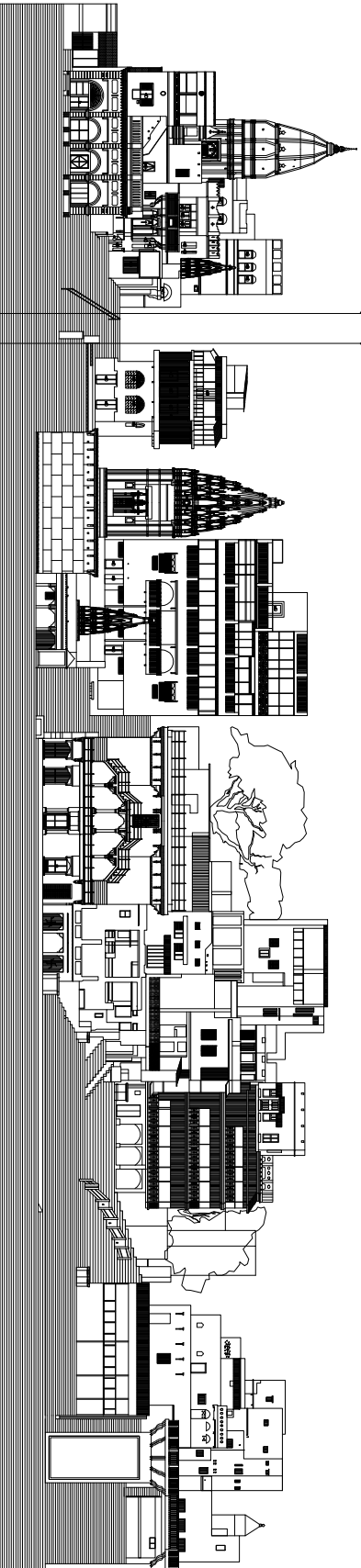
◀ A ▶
◀ B ▶

◀ C ▶
◀ D ▶



◀ A ▶
◀ B ▶

◀ C ▶
◀ D ▶



◀ A ▶
◀ B ▶

ELEVATION

GENERAL NOTES:

1. All dimensions are in millimeters and are dimensions unless otherwise specified.
2. All levels are in meters and are finished unless otherwise specified. All levels are indicated thus: Δ_{level} .
3. Do not scale drawings. Only written dimensions shall be followed. Any discrepancies noted shall be brought to the notice of the Architect prior to the execution.
4. These drawings shall be correlated and read in conjunction with relevant specifications, shop drawings for drainage and irrigation.
5. For details such as pathways, fencing, railing, grills, lighting fixtures, torials, channel, chases, suns, flowerbed, street Sections etc. refer relevant architectural/landscape drawings.

LEGEND

SPECIAL NOTE

REVISION	DATE	CHECKED BY

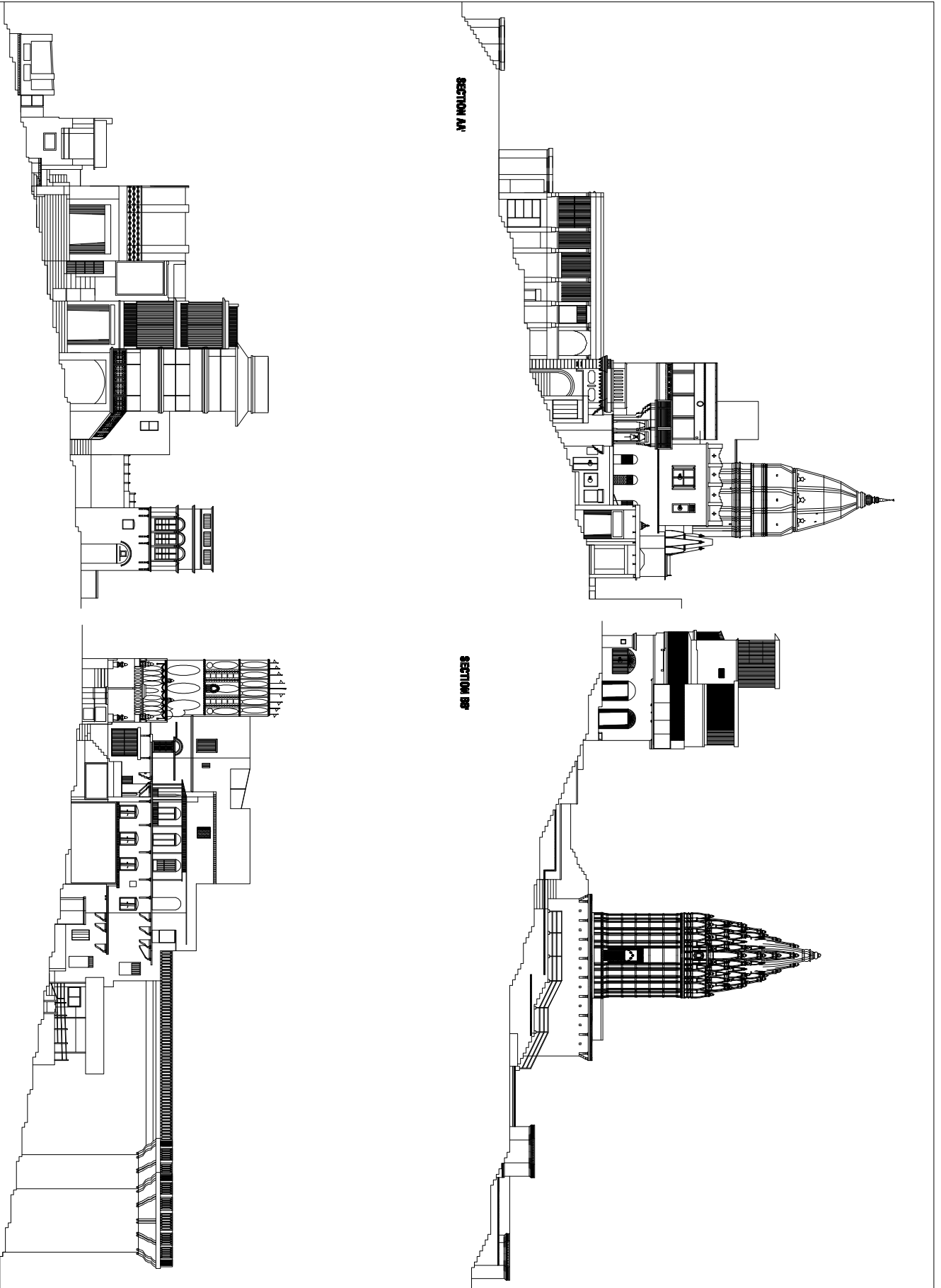
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CLIENT :- VARANASI SMART CITY LIMITED
PROJECT :- REHABILITATION OF GRAYS AND FACIOS REHABILITATION

SCALE :- NORTH :- DRAW NO. :-
NOT TO SCALE

DRAWN BY :- CHECKED BY :- DATE :-
RISHI K. SHARMA ASHANTY KUMAR 15/08/2017
TITLES :- ELEVATION





GENERAL NOTES:

- All dimensions are in millimeters and are dimensions unless otherwise specified.
- All levels are in meters and are finished unless otherwise specified. All levels are indicated thus: $\text{LVL} = \text{m}$.
- Do not scale drawings. Only written dimensions shall be followed, any discrepancies noted shall be brought to the notice of the Architect prior to the erection.
- These drawings shall be correlated and read in conjunction with relevant sections to specify requirements for drainage and irrigation.
- For details such as pathways, fencing, railing, grills, lighting fixtures, torials, channel, chases, cunns, flowerbed, street Sections etc, refer relevant architectural/landscape drawings.

LEGEND

SPECIAL NOTE

REVISION	DATE	CHECKED BY

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CLIENT :- VARANASI SMART CITY LIMITED
PROJECT :- REVITALIZATION OF GEANS AND FACADE RESTORATION

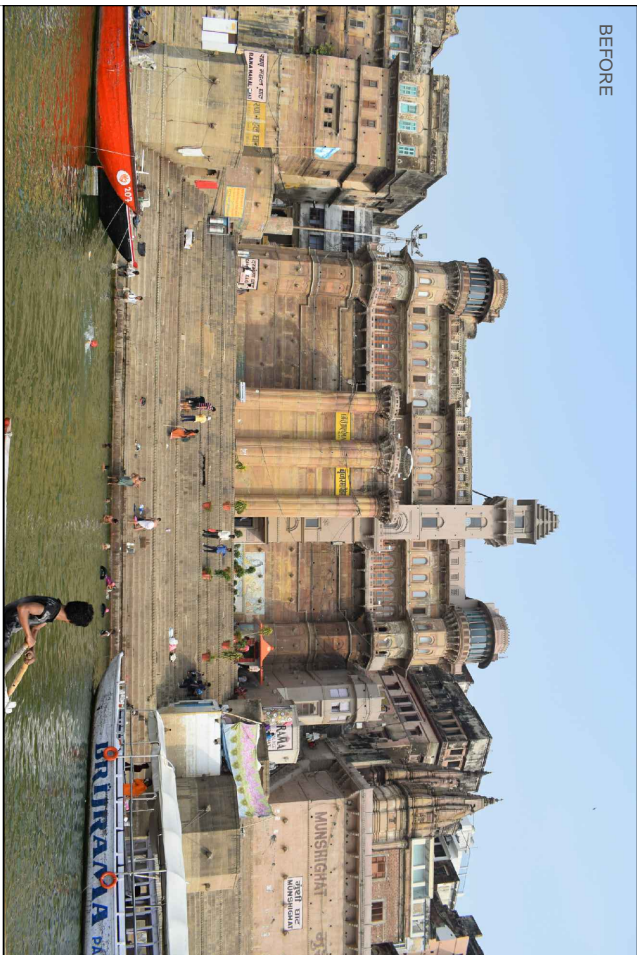
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NOT TO SCALE

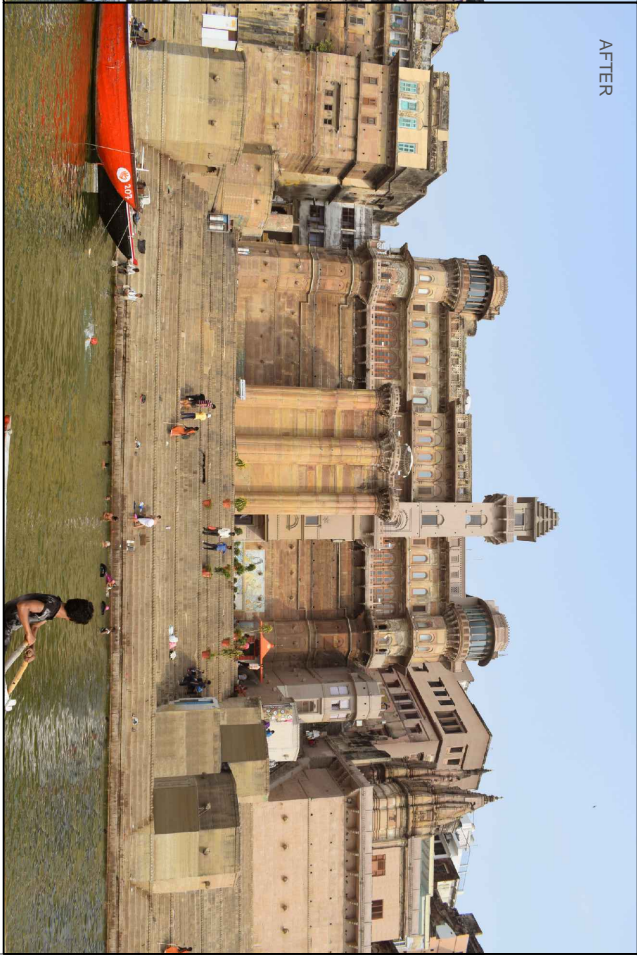
DRAWN BY :-	CHECKED BY :-	DATE :-
MR. L. SINGH	ASHWIN KUMAR	12/20/20

TITLES :- SECTIONS

BEFORE



AFTER



GENERAL NOTES:

1. All dimensions are in millimeters and are dimensions unless otherwise specified.
2. All levels are in meters and are finished unless otherwise specified. All levels are indicated thus: Δ 111.00m
3. Do not scale drawings. Only written dimensions shall be followed, any discrepancies noted shall be brought to the notice of the Architect prior to the execution.
4. These drawings shall be correlated and read in conjunction with relevant consultant's approved drawings for drainage and irrigation.
5. For details such as pathways, fencing railing, grills, lighting fixtures, toilets, channel, chader, sump, flowerbed, street Sections etc. refer relevant architectural/landscape drawings.

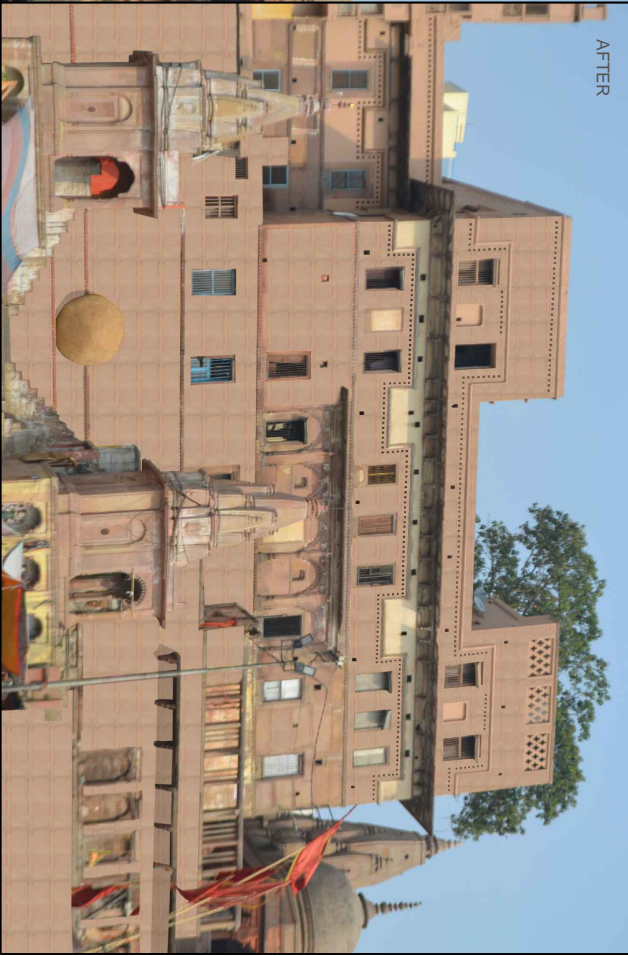
LEGEND

DARBHANGA GHAT

BEFORE



AFTER



SPECIAL NOTE

REVISION	DATE	CHECKED BY

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CLIENT :-	VARANASI SMART CITY LIMITED		
PROJECT :-	GHATS RENOVATION AND FACADE IMPROVEMENT PROJECT		
SCALE :-	NOT TO SCALE	DWG. NO. :-	A.S.100/01/15
DATE :-	1.10.2017	CHECKED BY :-	ASHWANI KUSHWA
DRAWN BY :-	SANIL K. YADAV	DATE :-	1.10.2017
TITLE :-	BEFORE AND AFTER		




ANIB CONSULTANTS

 ASHESH SRIVASTAVA

 ARCHITECT

AHILYA BAI GHAT

BEFORE



AFTER



GENERAL NOTES:

- All dimensions are in millimeters and are dimensions unless otherwise specified.
- All levels are in meters and are finished unless otherwise specified. All levels are indicated thus: Δ 11.11mm
- Do not scale drawings. Only written dimensions shall be followed, any discrepancies noted shall be brought to the notice of the Architect prior to the execution.
- These drawings shall be correlated and read in conjunction with relevant consultant's approved drawings for services, electrical, plumbing drainage and irrigation.
- For details such as pathways, fencing railing, grills, lighting fixtures, toilets, channel, chader, sump, flowerbed, street Sections etc. refer relevant architectural/landscape drawings.

LEGEND

SPECIAL NOTE

REVISION	DATE	CHECKED BY

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CLIENT - VARANASI SMART CITY LIMITED

PROJECT - GHATS REVITALIZATION AND FACADE IMPROVEMENT PROJECT

SCALE - NORTH - DRG. NO. -
NOT TO SCALE A3&A4&A5

DESIGN BY - SHAIL K. YADAV DATE - 1.10.2017
CHECKED BY - ASHRAFU KHUSHAL

TITLE - BEFORE AND AFTER

AFTER



BEFORE



DASHASHWAMEDH GHAT

DASHASHWAMEDH GHAT

Annexure M
(Section 3 of GCC)

COMPENSATION FOR DELAY

If the contractor fails to achieve the milestones, and the delay in execution of work is attributable to the contractor, the Employer shall retain an amount from the sums payable and due to the contractor as per following scale –

Note: For arriving at the dates of completion of time span related to different milestones, delays which are not attributable to the Contractor shall be considered. The slippage on any milestone is if made good in subsequent milestones or at the time of stipulated period of completion, the amount retained as above shall be refunded. In case the work is not completed within the stipulated period of completion along with all such extensions which are granted to the Contractor for either Employer's default or Force Majeure, the compensation shall be levied on the contractor at the rate of 0.05% per day of delay limited to maximum of 10% of contract price.

The decision of Chief Executive Officer shall be final and binding upon both the parties.

**GHAT REVITALIZATION AND FAÇADE RESTORATION PROJECT
VSCL**

Annexure N
(Section 3 of GCC)

LIST OF EQUIPMENT FOR QUALITY CONTROL LAB

**GHAT REVITALIZATION AND FAÇADE RESTORATON PROJECT
VSCL**

Annexure O
(Section 3 of GCC)

Price Adjustment

.....NA.....

Annexure - P
(Section 3 -GCC)

Bank Guarantee Form for Mobilization and Construction Machinery Advance

To,

_____ [Name of Employer]
 _____ [Address of Employer]
 _____ [Name of Contractor]

In accordance with the provisions of the General Conditions of Contract, clause 31 ("Mobilization and Construction Machinery Advance") of the above-mentioned Contract

_____ [Name and address of Contractor] (hereinafter called "the Contractor") shall deposit with _____ [name of Employer] a bank guarantee to guarantee his proper and faithful performance under the said Clause of the Contract in an amount of _____ [amount of Guarantee] _____ [in words].

We, the _____ [bank of financial institution], as instructed by the Contractor, agree unconditionally and irrevocably to guarantee as primary obligator and not as surety merely, the pavement to _____ [Name of Employer] on his first demand without whatsoever right of obligation on our part and without his first claim to the Contractor,' in the amount not exceeding _____ [amount of guarantee] _____ [in words].

We further agree that no change or addition to or other modification of the terms of the Contractor or Works to be performed there under or of any of the Contract documents which may be made between _____ [name of Employer] and the Contractor, shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee shall remain valid and in full effect from the date of the advance payment under the Contract until _____ [name of Employer] receives full repayment of the same amount from the Contractor.

Yours truly,

Signature and Seal: -

Name of Bank/Financial Institution:

- Address: -

Date: -

An amount shall be inserted by the Bank or Financial Institution representing the amount of the Advance Payment, and denominated in Indian Rupees.

**GHAT REVITALIZATION AND FAÇADE RESTORATION PROJECT
VSCL**

Annexure-Q
(Section 3-GCC)

Bank Guarantee Form for Secured Advance

.....NA.....

Physical Completion Certificate

Name of Work:

Agreement No. _____ Date _____

Amount of Contract Rs _____

Name of Agency: _____

Used MB No.: _____

Last measurement recorded

a. Page No. & MB No.: _____

b. Date: _____

Certified that the above-mentioned work was physically completed on..... (Date) and taken over on..... (Date) and that I have satisfied myself to best of my ability that the work has been done properly.

Date of issue

Engineer

Annexure S

(See clause 35 of section 3 -GCC)

Final Completion Certificate

Name of Work:

Agreement No. _____ Date: _____

Name of Agency: _____

Used MB No. _____

Last Measurement recorded

a. Page No. & MB No. _____

b. Date _____

Certified that the above-mentioned work was physically completed
on _____ (date) and taken over on _____ (date).

Agreement amount Rs. _____

Final amount paid to contractor Rs. _____

Incumbency of officers for the work

I have satisfied myself to best of my ability that the work has been done properly.

Date of Issue: _____

Engineer in Charge _____

Varanasi Smart City Limited, Varanasi

Annexure T
(Section 3 -GCC)

Salient Features of Some Major Labour Laws Applicable

- (a) Workmen Compensation Act 1923: - The Act provides for compensation in case of injury by accident arising out of and during the course of employment.
- (b) Payment of Gratuity Act 1972: - Gratuity is payable to an employee under the Act on satisfaction of certain conditions on separation if an employee has completed the prescribed minimum years (say, five years) of service or more or on death the rate of prescribed minimum days' (say, 15 days) wages for every completed year of service. The Act is applicable to all establishments employing the prescribed minimum number (say, 10) or more employees.
- (c) Employees P.F. and Miscellaneous Provision Act 1952: The Act Provides for monthly contributions by the Employer plus workers at the rate prescribed (say, 10% or 8.33%). The benefits payable under the Act are:
 - i. Pension or family pension on retirement or death as the case may be. '
 - ii. Deposit linked insurance on the death in harness of the worker.
 - iii. Payment of P.F. accumulation on retirement/death etc.
- (d) Maternity Benefit Act 1951: - The Act provides for leave and some other benefits to women employees in case of confinement or miscarriage etc.
- (e) Contract Labour (Regulation & Abolition) Act 1970: - The Act provides for certain welfare measures to be provided by the Contractor to contract labour and in case the Contractor fails to provide, the same are required to be provided, by the Principal Employer by Law. The principal Employer is required to take Certificate of Registration and the Contractor is, required to take license from the designated Officer. The Act is applicable to the establishments or Contractor of Principal Employer if they employ prescribed minimum (say 20) or more contract labour.
- (f) Minimum Wages Act 1948: - The Employer is to pay not less than the Minimum Wages fixed by appropriate Government as per provisions of the Act if the employment is a scheduled employment. Construction of buildings, roads, runways is scheduled employment.
- (g) Payment of Wages Act 1936: - It lies down as to by what date the wages are to be paid, when it will be paid and what deductions can be made from the wages of the workers.
- (h) Equal Remuneration Act 1979: - The Act provides for payment of equal wages for work of equal nature to male and female workers and for not making discrimination against female employees in the matters of transfers, training and promotions etc.
- (i) Payment of Bonus Act 1965: - The Act is applicable to all establishments employing prescribed minimum (say, 20) or more workmen. The Act provides for payments of annual bonus 'within the prescribed range of percentage of wages to employees drawing up to the prescribed amount of wages, calculated in the

prescribed manner. The Act does not apply to certain establishments. The newly set-up establishments are exempted for five years in certain circumstances. States may have different number of employment size.

- (j) Industrial Disputes Act 1947: - The Act lays down the machinery and procedure for resolution of industrial disputes, in what situations a strike or lock-out becomes illegal and what are the requirements for laying off or retrenching the employees or closing down the establishment.
- (k) Industrial Employment (Standing Orders) Act 1946: - It is applicable to all establishments employing prescribed minimum (say, 100, or 50). The Act provides for laying down rules governing the conditions of employment by the Employer on matters provided in the Act and gets these certified by the designated Authority.
- (l) Trade Unions Act 1926: - The Act lays down the procedure for registration of trade unions of workmen and Employers. The Trade Unions registered under the Act have been given certain immunities from civil and criminal liabilities.
- (m) Child Labour (Prohibition & Regulation) Act 1986: - The Act prohibits employment of children below 14 years of age in certain occupations and processes and provides for regulations of employment of children in all other occupations and processes. Employment of child labour is prohibited in building and construction industry.
- (n) Inter -State Migrant Workmen's (Regulation of Employment & Conditions of Service) Act 1979: - The Act is applicable to an establishment which employs prescribed minimum (say, five) or more inter-state migrant workmen through an intermediary (who has recruited workmen in one state for employment in the establishment situated in another state). The inter- State migrant workmen, in an establishment to which this Act becomes applicable, are required to be provided certain facilities such as Housing, Medical-Aid, Travelling expenses from home up to the establishment and back etc.
- (o) The Building and Other Construction workers (Regulation of Employment and Conditions of Service) Act 1996 and the Cess Act of 1996: - All the establishments who carry on any building or other construction work and employs the prescribed minimum (say, 10) or more workers are covered under this Act. All such establishments are required to pay cess at the rate not exceeding 2% of the cost of construction as may be modified by the Government., The Employer of the establishment- is required to provide safety measures at the building or construction work and other welfare measures, such as canteens, first-aid facilities, ambulance, housing accommodations for workers near the-work place etc. The Employer to whom the Act applies has to obtain a registration certificate from the Registering Officer appointed by the Government.
- (p) Factories Act 1948: - The Act lays down the procedure for approval of plans before setting up a factory, health and safety provisions, welfare provisions, working hours, annual earned leave and rendering information regarding accidents or dangerous occurrences to designated authorities. it is applicable to premises employing the prescribed minimum (say, 10) persons or more with aid of power or another prescribed minimum (say, 20) or more persons without the aid of power engaged in manufacturing process.

Section 3

Conditions of Contract

Special Conditions of Contract [SCC] Part II

The contractor shall take care of the following:

1. Please refer the attached drawings to understand the scheme.
2. The Contractor shall visit the site; inspect all the items and their locations included in the Tender at his risk and cost with due care of safety and provisions, before quoting for the Tender.
3. The Contractor has to take utmost care while removing any of the elements of the building in consultation/ supervision of his structural engineer, define his sequence of removal, give all sorts of temporary supporting using suitable members of steel, wood, etc, and ensure that each and every element of the building is removed safely.
4. The Contractor shall visit the site and ensure for the routes of removing debris, ways of access of machinery, tools, tackles, and vehicles, and ensure for the space to heap the material to be disposed.
5. The Contractor shall ensure the timings of works according to the permission of the Police Authorities, Government departments/Temple authorities.
6. The Contractor shall be solely responsible for taking permission of the concerned Authorities to dispose of the non-usable materials of all kind and shall pay for any fees for the same.
7. The Contractor shall ensure the working cost of all the removals for their leads and lifts as may be necessary for entire completion of the job of dismantling.
8. The rates of the item quoted shall include all sorts of scaffolding for all works mentioned in the BOQ and temporary supporting unless and otherwise shown in the scheme of supporting drawings.
9. Careful cleaning of the water drain all around the periphery in stone and connecting it to original drain as per existing.
10. Contractor is open to work day and night with the special permission from competent authority.

The Contractor shall:

- (a) Comply with all applicable safety regulations,
- (b) Take care for the safety of all persons entitled to be on the Site,
- (c) Use reasonable efforts to keep the Site and Works clear of unnecessary obstruction so as to avoid danger to the persons.
- (d) Provide fencing, lighting, guarding and watching of the Works until completion and taking over and
- (e) Provide any Temporary Works (including roadways, footways, guards and fences) which may be necessary, because of the execution of the Works, for the use and protection of the workers and visitors.
- (f) Take care of the temple activities and prayer timings and coordinate with the temple trust for their working hours.
- (g) During the time of festivals, the working hours should be pre-decided with the authority of temple.

Section 4

Bill of Quantities

PROJECT : DEVELOPMENT & FAÇADE RESTORATION OF GHATS AT -VARANASI**SUMMARY OF PROJECT**

SR. NO.	DESCRIPTION OF ITEM	QUANTITY	UNIT	RATE	AMOUNT IN Rs.
1	Development of Ghats	As per Detail			43692279.33
2	Restoration of Façade	As per Detail			52148349.87
3	Floating Change Room with Urinals	3.00	Nos.	2077360.00	6232080.00
4	Toilet Block	1.00	Nos.	1687045.98	1687045.98
5	Police booth	1.00	Nos.	1000000.00	1000000.00
	Sub Total A		Rs.		104759755.17
6	Add for Unforeseen Items@5%				5237987.76
7	Labour Cess 1%				1047597.55
	Sub Total B		Rs.		111045340.49
	Say	Rs. Crs			11.10

ESTIMATE						
Restoration and Beautification work for Façade , At- Varanashi						
BILL OF QUANTITY						
Based on U.P.P.W.D. S.O.R. 01/06/2015 VARANASHI CIRCE/ DSR 2016/ P.S.O.R. 2015						
S. no.	SOR	Description of item	Quantity	Unit	Rate	Amount (Rs.)
A		Dismantling Work				
1	PWD 703	Dismantling doors & windows, chowkhats with hold fast & including stacking of stacking of dismantled materials as directed bu the Engineer-in-charge within a distance of 60m (200Ft)	324.75	Sqm	48.00	15588.14
2	PWD 708	Scraping old white or colour wash including disposal of refuse as directed by the Engineer-in-charge with a distance of 60 metres(200feet).	8464.30	Sqm	8.00	67714.40
3	PWD 692	Dismantling brick work or stone work in lime or cement mortar and including stacking of materials as directed by the Engineer-in-charge within in a distance of 60M (200Ft)	33.86	Cum	310.00	10495.73
4	P.SOR 5.06.2	Stitching the cracks in brick masonry using brick & lime mortar matching traditional lime mortar & bricks as existing in the historic structure after raking, cleaning & washing the cracks, as directed by Engineer incharge/ Architect, & including all leads, lifts & carriage. All complete.	253.93	Cum	9712.42	2466265.10
5	P SOR 16.15.2	De-vegetation from the monument walls or roof where decorative plasterwork, cornices, architrave, etc. have vegetative growth, by chemical injection of round up (arsenic base) compound in consultation with art conservator.	1692.86	Sqm	804.71	1362265.60
6	P.S.O.R. 16.16	Gently cleaning the stone surfaces with Water by gentle brushing with soft nylon brushes as specified. Gentle surface cleaning may include mild pH balanced surfactants as specified for indicated areas to remove surface dirt, grit, sulphate accretions, etc as indicated by Architect	8464.30	Sqm	120.44	1019419.13

7	P SOR 16.15.3	Removal of plant/ficus growth by pulling out root system embedded in masonry, cutting stem and application of hing/gur/lime formulation as specified by Architect or other patented chemical biocide treatment such as biocide 'Glycel' – (iso propylamine salt of glyphosate) or other chemical as specified by Architect and Removal of ferrous fixings and nails embedded in the plaster and masonry of the exterior facades and making good with lime mortar mix 1:2 (1 lime, 2 Quartz sand/sand), colour matched as per Architects specifications.	10.00	Nos.	175.50	1755.00
8	P.S.O.R. 8.22	Chemical treatment of Sand stone surface to clean from yellowness, blackness, algae growth, dust, dirty oil accretions, lime and gypsum deposits, soot, graffiti, joining of gaps, taking out nails and other additions, filling oh holes/ voids in marble and application of preservatives coating to prevent superficial decay, under the strict supervision of archaeological chemist or art conservator.	4232.15	Sqm	760.11	3216910.12
9	P SOR 12.05	Dismantling of old lime/cement plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50m lead	846.43	Sqm	181.26	153426.02
10	P SOR 12.03.01	Taking out buldegd/cracked Lakhori brick work at different locations upto a height of 8mts to 10mts very carefully including stacking of serviceable material disposal of Unserviceable materials upto a lead of 200 to 500 meters.	84.64	Cum	1196.78	101298.63
11	P SOR 12.03.05	Removal of Existing Paint carefully without damaging structure by chemical cleaning or rubbing including all necessary T&P etc all complete in direction of engineer in charge.	2282.00	Sqm	550.50	1256241.00
12	PWD 231 (a)	Cartage of ballast, kankar, coal, grit or sand etc. including loading and unloading but excluding stacking on pucca roads. Upto 25 KM	101.57	cum	372.05	37789.71
						0.00
B		Concrete Work				0.00
13	P SOR 5.05	Providing & applying Grouting Material with Lime mortar 1:3 (1 Lime : 3 sand) cost of required centering complete.	169.29	Cum	6280.31	1063168.98
						0.00
C		Brick / Stone Work				0.00

14	P SOR 4.02.1	Restoration and repairs of Lakhori/country brick masonry of Walls in lime surkhi mortar 1:1:1 (1 lime : 1 surkhi : 1sand); As per original.	84.64	cum	9843.95	833221.46
15	A.R.	Restoration of damaged Sand stone masonry as per original character in Lime Mortar 1:1 including necessary T&P etc all complete in direction of engineer in charge.	79.06	cum	12304.94	972859.12
16	DSR 7.20	Stone work ashlar sunk or moulded or sunk and moulded upto floor five level in cement mortar 1:6 (1 cement : 6 coarse sand) including pointing with white cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment matching the stone shade : Red sand stone	75.67	cum	41797.00	3162778.99
17	DSR 7.22	Extra for stone work ashlar sunk or moulded in cornices.	75.67	cum	387.00	29284.29
18	A.R.	Restoration of Moulding as per original character in traditional style including necessary material, T&P etc all complete in direction of engineer in charge.	140.40	Rm	3637.50	510705.00
19	A.R.	Restoration of Cornice as per original character in traditional style including necessary material, T&P etc all complete in direction of engineer in charge.	65.52	Rm	4170.00	273218.40
20	A.R.	Making of New Moulding as per original character in traditional style including necessary material, T&P etc all complete in direction of engineer in charge.	561.60	Rm	4850.00	2723760.00
21	A.R.	Making of New Cornice as per original character in traditional style including necessary material, T&P etc all complete in direction of engineer in charge.	262.08	Rm	5560.00	1457164.80
						0.00
D		Steel Work				0.00

20	PWD 503	Providing and fixing decorative type mild steel grill of 2.36m in height using 20mm thk Square M.S. vertical bars at a distance of 175mm centre to centre, including all decorative details using M.S. flats and bars as shown in the drawing or as directed by the Architect or Engineer in Charge. The grill to be welded to 15mm thk M.S. Flat at the base which is to be fixed on top of the compound wall using anchor fasteners etc. including cutting, fabricating, moulding, hoisting, erecting, fixing in position with connecting plates, braces & welding, riveting, bolting as per detailed design & drawing including 1 coat of zinc rich epoxy primer and finishing the same with 3 coats of enamel paint of required quality and colour etc. complete	9763.50	Kg	68.00	663918.00
21	M.R.	Providing & fixing of cast iron railing in traditional style as per design & drawing etc all complete in direction of engineer in charge.	1757.43	Kg	150.00	263614.50
						0.00
E		Wood Work				0.00
						0.00
22	P SOR 10.02	Providing and fixing of Ist class Salwood frames for doors and windows fixed in position.	15.86	Cum	142684.80	2262663.45
23	P SOR 10.15	Providing and fixing 50mm thick Ist class Teak wood/ Sheesham paneled/ Glazed Shutters for doors, window and ventilators including iodized fittings with necessary screws complete.	374.72	Sqm	7033.69	2635628.21
						0.00
F		Plaster work				0.00
24	P.SOR 6.03.01	Lime Surkhi Sand Plaster 1:1:1 (1 Lime putty : 1 Surkhi : 1 Sand) including preparation of mortar by traditional practice (by grinding) in 3 course for base coarse and subsequent course & Loi, tamping, beating, till the shrinkage cracks are disappear. The work is done with all leads as the work is of restoration nature as per Jaipur practice including adding gur, methi & gugal on old walls including removal of all old loose and decade plaster, each coat to be done after 3 days of previous coat. 15 mm thick in two coats	423.22	Sqm	346.59	146681.03

25	P.SOR 6.03.02	Lime Surkhi Sand Plaster 1:1:1 (1 Lime putty : 1 Surkhi : 1 Sand) including preparation of mortar by traditional practice (by grinding) in 3 course for base coarse and subsequent course & Loi, tamping, beating, till the shrinkage cracks are disappear. The work is done with all leads as the work is of restoration nature as per Jaipur practice including adding gur, methi & gugal on old walls including removal of all old loose and decade plaster, each coat to be done after 3 days of previous coat. 20-25 mm thick in 3 courses	42.32	Sqm	441.99	18705.57
						0.00
G		Painting & Polishing Work				0.00
						0.00
26	PWD 641+64 2	Painting or vanishing on iron works in small areas or new wood work with one coat of ready mixed priming paint & one coat of approved superior quality ready mixed paint of clear synthetic varnish including supply of all materials, labour and T & P etc. required for proper completion of work. Paint to be used should confirm to the ISI NO 103 1950	874.20	sqm	94.00	82174.80
27	PWD 641+64 2 Based	Same as Item above but for wood work. Including water based Pu paint as per Specification	1498.86	Sqm	119.00	178364.34
28	P.S.O.R. 7.11	Providing and applying pigmented lime wash in 3 coats to internal plaster surfaces with careful mixing of pigments to match existing/proposed colour scheme as per Architect's instructions. Item to include providing test patches for approval of colour and finish by the Architect or Engineer in Charge before applying the same. Item to include all necessary tools, scaffold etc. complete	8464.30	Sqm	110.38	934247.11
29	M.R.	Nano technology based protection technology coating lime wash paint coating lime wash paint Sand Stone Surface/ exposed brick work surface / wooden surface with nano technology based paint protection coating to protect porous material against watering staining chlorophyllon aquas based emulsion (Make Narolac/ Ashian/imper guard xp or equivalent)	8464.30	Sqm	550.00	4655365.00

H		Miscellaneous Work				
30	DSR 14.72	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40 mm dia M.S. tube 1.5 m centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube chollies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after .The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineerin- charge .The elevational area of the scaffolding shall be measured for payment purpose .The payment will be made once irrespective of duration of scaffolding. Note: - This item to be used for maintenance work judicially, necessary deduction for scaffolding in the existing item to be done.	7617.87	Sqm	160.15	1220001.88
31	A.R.	Supplying & Laying Drain (Size 600*600) mm R.C.C. Drain with Drain Cover etc all complete direction of engineer in charge.	580.52	Rm	4750.00	2757470.00
32	P.S.O.R. 8.08	Providing and Fixing fine dressed sand stone /approved stone " Chajja " for palaces, chattries, forts and jharokas with fine dressed surface both sides and front edges should be round shape/moulding, fixing in grinded lime surkhi mortar 1:2 joint flush with proper adhesive with pigment to match the shade of stone (thickness of chajja on front edge 50mm and 75mm on fixing end) exposed surface is to be measured only.	129.60	Sqm	5123.75	664038.00
33	P.S.O.R. 8.05.2	Providing and Fixing fine dressed sand stone approved stone" Railing " as per existing design and matching with thambli, fixing of railing with proper adhesive /clips complete in all respect 75 mm. thick with moulding/lining.	299.70	Sqm	4745.00	1422076.50
34	P.S.O.R. 6.10	Lime surkhi Plaster 1:2 (1 lime: 2 surkhi) on pillars and other decorative features including cornices and bands.	650.33	Sqm	650.78	423215.25

35	DSR 7.31	Providing and fixing red sand stone brackets 55x22.5x45 cm sunk and moulded including providing and fixing with 4 Nos gun metal cramp 25x6 mm 30 cm long and dowel bars 7.5 cm long 6 mm dia as per design	150.00	Nos.	3135.10	470265.00
36	M.R.	Providing & Fixing of Tata Blue Scope shade for Projection including M.S. Frame Painting Polishing & grouting including nut, bolts washer etc all complete in direction of engineer in charge.	414.00	Sqm	1850.00	765900.00
37	A.R.	Providing and fixing dry cladding upto 10 metre heights with 75 mm thick sand stone with (machine cut edges) of uniform colour and size upto 1mx1m, fixed to structural steel frame work and/ or with the help of cramps, pins etc. and sealing the joints with approved weather sealant as per Architectural drawing and direction of Engineer-in-charge. (with the steel frame work, Hilti stainless steel Clamps HC-SF-R 304 SS + Hilti Stainless Steel Anchors(HSA-R M10 on concrete /) and pins etc.). Red sand stone	409.98	Sqm	13520.64	5543124.38
38	M.R.	Providing & Placing of Anchors in cored holes of predefined length, diameters & Locations. Coring should be done by use of high speed low vibratory coring machine with diamond core bits. It should impart minimal vibration to the structure being strengthened. The Coring motor and bit should be capable to core at least up to 3 mt in straight Line . Each anchor will comprise of four components detailed as below:				0.00
a.		Reinforcing member:- stainless steel rebar / studd/ tube of grade 304 conforming to BS 6323/6744/6105 and ASTM A554/A312 as per applicability. The diameter and size of the reinforcing members will be based upon the structural requirement of structures.				0.00
b.		Grout :- The grout shall be one component dry powder mix . its basic Ingredient should be natural mineral and portland product with graded aggregates including sand and lime. The constituents, when proportioned with water, produce a pumpable , non- shrinking grout. The grout should not contain any epoxy and resin binders.				0.00

c.		Sock :- This should be a specially woven polyester based tubular sock with expansion properties to suit the diameter of the bore hole in the substrate. The sock should have property to expand in lateral direction only. The mesh of the sock is to be designed to contain the aggregate of mixed grout, while still allowing the flow of grout to flow from its pores.				0.00
d.		Grout Delivery Pipe :- This is an optional element of the anchor and should only be a part of all structural anchors. A 10-12mm dia. PVC hollow pipe for delivery of grout under pressure inside the sock & around the reinforcing rebar / stud such that the grout inflates the sock all around the rebar/ stud starting from far inside end, moving outward towards the front & forming mechanical bond between rebar/ stud & substrate.				
i		1020 nos. - 1000mm length cintec Anchor of 10mm diameter hollow pipe in 32mm diameter cored hole.	250	Rmt	19169.28	4792320.00
ii		2nos. -2450mm Length Cintec Anchor of 12mm diameter Rebar / stud in 65mm diameter cored hole.	10	Rmt	59781.12	597811.20
39	DSR 7.33.1	Providing and fixing stone jali 40 mm thick throughout in cement mortar 1:3 (1 cement : 3 coarse sand), including pointing in white cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment, matching the stone shade, jali slab without any chamfers etc. Red / White sand stone	127.36	Sqm	6560.75	835593.52
40	DSR 7.30	30 mm red sand stone sun-shade (chisel-dressed) supported on red sand stone brackets, fixed in walls with cement mortar 1:4 (1 cement : 4 coarse sand), including finishing complete.	57.76	Sqm	1001.35	57842.48
41	M.R.	Providing & fixing of Brass Clamps for existing flooring grouting including all necessary T&P etc all complete in direction of engineer in charge.	200.00	Nos.	110.00	22000.00
TOTAL CIVIL COST					Rs.	52148349.87

BILL OF QUANTITY FOR DEVELOPMENT OF GHATS						
AT.- VARANASI						
S.N.	DSR NO.	DESCRIPTION OF ITEM	QUANTIT Y	UNIT	RATES	AMOUNT
BASED ON PWD S.O.R. VARANASI CIRCLE 1-06-2015 / DSR 2016 & CURRENT MARKET RATE						
1	PWD 692	Dismantling brick work or stone work in lime or cement mortar and including stacking of materials as directed by Engineer-in-charge within a distance of 60 meters (200 feet).	51.72	Cum	310.00	16033.20
2	PWD 694	Dismantling reinforced cement concrete or reinforced brick work including stacking of dismantled materials as decided by Engineer-in-charge within a distance of 60 meters (200 feet)	20.35	Cum	700.00	14245.00
3	PWD 697	Dismantling cement concrete or brick or grantholithic floors including stacking of dismantled materials as directed by engineer-in-charge within a distance of 60 meters (200 feet)	362.12	Sqm	35.00	12674.20
4	PWD 698	As in item (697) above but floor to be stone flagged or tiled floor	60.00	Sqm	48.00	2880.00
5	DSR 15.2	Demolishing cement concrete manually/by mechanical means including disposal of material within 50 meters lead as per direction of Engineer-in-charge.				
	15.2.1	Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	72.42	Cum	997.05	72206.36
6	DSR 15.25	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 meters lead.	2683.33	Sqm	109.35	293421.86
7	DSR 15.23	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 meters lead For thickness of tiles above 25 mm and up to 40 mm	30.00	Sqm	49.20	1476.00
8	PWD 702	Dismantling of girders, trusses and other steel work including stacking of dismantled materials as directed by Engineer-in-charge within a distance of 60 meters (200 feet)	181.16	Qtl.	1040.00	188406.40
9	PWD 706	Dismantling existing plaster including disposal of refuse as directed by Engineer-in-charge within a distance of 60 meters (200 feet)	60.00	Sqm	26.00	1560.00

10	PWD 708	Scrapping old white or color wash including disposal of refuse as directed by Engineer-in-charge within a distance of 60 meters (200 feet)	60.00	Sqm	8.00	480.00
11	A.R.	Making coffer Dam with laying of empty gunny bags including filling of sanding/local soil and placing in two parallel with proper gap in River to retain the water for construction work and also including filling of sending soil in aforesaid gap of two parallel gunny bag line and laying a layer of soil on each layer of layer of bag including cost of all material, labour, T &P and also re-opening of c. dam as required for proper completion of work.	120.00	Meter	5500.00	660000.00
12	PWD 252	Excavation in foundation in ordinary soil (soil mixed morum shingle kankar/Loam, Clay or sand requiring the use of special tools and plants such a pick axes subbals etc.), including lift upto 1.50 mtr and lead upto 30mtr and including filling watering and ramming of excavated earth into the trenches or into the space between the building and the sides of foundation trenches or into the plinth and removal and disposal of surplus earth as directed by the engineer in charge. upto a distance of 30mtr from the foundation trenches.	60.00	Cum	100.00	6000.00
13	PWD 254	Extra for every additional lift of every of 1.50 m. or part there of . 1.50mtr to 3.00 mtr	12.00	Cum	13.00	156.00
14	(DSR 14.23)	De- watering - with pump set for pumping out water caused by seepage & the like etc. including cost of oil, fuel & lubricants, operator, all pipes and T & P etc. as required for complete.	600.00	Kl	104.30	62580.00
15	(DSR 2.25)	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	60.00	Cum	125.75	7545.00

16	PWD 255	Sand filling in plinth including supply of necessary quantity of sand from a distance not exceeding 8 Kms from the side of work and including watering dressing etc. rate to include cost of all material \s, labour and T&P etc. required for proper completion of work.	251.50	Cum	580.00	145870.00
17	PWD 281	Providing and laying in Cement concrete 8:4:1 of not less than strength of M150stone ballast(40 mm nominal size) 4 approved coarse sand :1 Cement and curing complete, including cost of form work in foundation and floors	503.00	Cum	4680.00	2354040.00
18	DSR 23.5	Supplying, filling, spreading & leveling stone boulders of size range 5 cm to 20 cm, in the required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.	144.00	Cum	921.90	132753.60
19	P.S.O.R. 8.21	Chemical treatment of Sand stone surface to clean from yellowness, blackness, algae growth, dust, dirty oil accretions, lime and gypsum deposits, soot, graffiti, joining of gaps, taking out nails and other additions, filling oh holes/ voids in marble and application of preservatives coating to prevent superficial decay, under the strict supervision of archaeological chemist or art conservator.	4373.53	Sqm	798.76	3493402.42
20	M.R.	Repair of Manhole in sand stone work in mortar & manhole covered by sand stone slab etc all complete in direction of engineer in charge.	8.02	Cum	10580.00	84851.60
21	M.R.	Construction of drain channel to intercepting line	108.86	Rm	4750.00	517085.00
22	PWD 287b	R.C.C. work with cement approved coarse sand and 2cm (3/4") gauge approved stone ballast in the proportion 1:1.5:3 (1Cement: 6 aggregate) in Footing excluding supply of reinforcement and its bending but including its fixing and binding the same necessary with 24BWG binding wire and including necessary centering and shuttering etc. and also including supply of materials labour and tools and plants etc. required for proper completion of the work, strength of the concrete shall not be less than M-150	12.00	CUM	7030.00	84360.00

23	PWD 288b	As in item 22 above but 1:1.5:3 for Column	18.00	CUM	8400.00	151200.00
24	PWD 286b	As in item 22 above but 1:1.5:3 for Wall	21.60	CUM	8550.00	184680.00
25	PWD 285B	As in item 22 above but 1:1.5:3 for Lighter beam	30.60	CUM	8350.00	255510.00
26	PWD 284B	As in item 22 above but 1:1.5:3 for Slab	16.20	CUM	8150.00	132030.00
27	PWD 504	Mild steel or iron in plain work such as reinforced concrete or reinforced brick work(when not included in overall rates) wrought to required shape as necessary including bending for proper completion of the work and including supply of steel its wastage bend hooks and authorized overlapping shall be measured.	154.49	Qtl.	6000.00	926940.00
28	(PWD 305+307- 306)	Brick work with class 150 bricks in foundation & plinth in cement mortar 1: 4 (1 cement : 4 coarse sand) including all materials, labour, proper curing and T & P etc. required for proper completion of work as directed by Engineer - in -charge.	102.60	Cum	4570.00	468882.00
29	(PWD 305+307- 306)+309 +310)	Same as in item no. 28 above but in super-structure above plinth level up to floor two level (up to two storey's) including necessary cutting and moulding of brick work as required and also including honey combed brick work for wall of one brick thick. Add for extra labour.	60.70	Cum	4960.00	301072.00
30	(PWD 307+309 +310A)	Same as in item no. 28 above but in 1:3 cement coarse sand in super-structure above plinth level up to floor two level (up to two storey's) including necessary cutting and moulding of brick work as required and also including honey combed brick work for wall of Half brick thick. Add for extra labour.	42.00	Cum	5155.00	216510.00
31	A.R.	Repair & Restoration of Broken Edges & Stone Slabs with Brass Cramps including Cement Mortar etc all complete in direction of engineer in charge.	30.60	Cum	25085.00	767601.00
32	(DSR 6.15)	Extra for providing and placing in position 2 Nos 6mm dia. M.S. bars at every third course of half brick masonry.	90.00	Sqm	56.85	5116.50

33	PWD 503	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.	144.30	Kg	68.00	9812.40
34	PWD 583	12 mm thick cement plaster in single coat of fair side of single or half brick wall for interior plastering up to floor two level including internal rounded angles chamfers, and or rounded angles not exceeding 80 mm, in girth and finished even and smooth. : 1:3 (1 cement: 3 coarse sand) ,	180.00	Sqm	152.00	27360.00
35	M.R.	Providing & fixing 200 mm thick Local sand Stone Flooring Stone Laid on 20 mm thick Mortar with filling of joints in 1:3 Cement mortar with matching colour pigments all complete specification & direction of Engineer in charge.	486.63	Cum	30035.50	14616175.37
36	M.R.	Restoration of existing sand stone 200 mm thick floor by retrieving existing stones below 40mm stone slabs being removed to bring original character of ghat.	96.80	Cum	22526.63	2180577.30
37	M.R.	Restoration of Existing Octagonal Platform in original character of ghat.	150.50	Sqm	3550.00	534275.00
38	DSR 11.30.1	40 mm thick rubbed gang saw cut stone flooring over 20 mm (average) thick base of cement mortar 1:5 (1 cement :5 coarse sand) with joints 3 mm thick, side buttered with cement mortar 1:2 (1 cement : 2 stone dust) admixed with pigment to match the shade of stone and pointing with same mortar. Red sand stone & White Sand Stone	132.30	Sqm	813.10	107573.13
39	DSR 13.48.3	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications : Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture	48.00	Sqm	84.75	4068.00

40	DSR 13.45.1	Finishing walls with textured exterior paint @ 3.28 ltr per 10 Sqm of approved brand and manufacturer and of required shade and undecorated wall surface to give even shade over including curing and cost of all material, labour T&P etc. required for proper completion of work for two coat over one coat primer applied 2.20 ltr 10 Sqm.	180.00	SQM	150.65	27117.00
41	DSR 13.60.1	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade : Two or more coats on new work	60.00	SQM	84.45	5067.00
42	DSR 13.41.1	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade :New work (two or more coats) over and including water thinnable priming coat with cement primer	30.00	SQM	93.70	2811.00
43	M..R	Providing & fixing of Traditional Bamboo Umbrella for Priests as per design etc all complete as per direction of Architect/ Engineer in charge.	60.00	Nos.	35000.00	2100000.00
44	M..R	Providing & fixing of Bamboo Canopy for Vendor shops (Size 2.00x2.00 mtr) as per design etc all complete as per direction of Architect/ Engineer in charge.	20.00	Nos.	185000.00	3700000.00
45	M..R	Providing & Fixing of Wooden Takhat top with stone pedestal etc all complete in direction of engineer in charge	20.00	Nos.	100000.00	2000000.00
46	M..R	Providing & fixing of Touch Screen Kiosk including Data, software etc all complete in direction of engineer in charge.	1.00	Nos.	500000.00	500000.00
47	M.R. Q- 17	Providing & fixing Sand Stone single piece slab ornamental benches of approved design pattern (shape) and specifications including c c 1 :2 :4 grouting, all materials, labor and T & P etc. required for proper completion of work as directed by engineer - in - charge.	30.00	Nos.	35000.00	1050000.00

48	M.R. Q-17	Providing and fixing sand stone Dustbins in 75 mm thick red sandstone with jali and carving properly shaped as per design of approved size, quality and standard specifications with removable metal bin inside properly fixed to stone body approved design pattern (shape) and specifications including c c 1 :2 :4 grouting, all materials, labor and T & P etc. required for proper completion of work as directed by engineer - in -charge.	20.00	Nos.	16500.00	330000.00
49	P.S.O.R. 8.05.2	Providing and Fixing fine dressed sand stone approved stone" Railing " as per existing design and matching with thambli,fixing of railing with proper adhesive /clips complete in all respect 75 mm. thick with moulding/lining.	75.00	Sqm	4745.00	355875.00
50	M.R.	Public addressal System as per specification	1.00	Nos.	1000000.00	1000000.00
51	M.R.	Drinking Water fountain	3.00	Nos.	650000.00	1950000.00
52	M.R.	Manufacturing, Providing & Fixing of facility signage as per approved design & drawing , letters extruded on 50 mm. thick granite Stone cladding overred stone wall 2300x300 size grouted with 600x600 mm Concrete block base in 100 mm thick P.C.C. all complete as per the specification & directions of the architect / Engineer - in- Charge.	15.00	Nos.	55000.00	825000.00
53	M.R.	Manufacturing, Providing & Fixing Informative Signage as per approved design & drawing , letters extruded on 50 mm. thick granite Stone cladding over red stone wall 2300x300 size grouted with 600x600 mm Concrete block base in 100 mm thick P.C.C. all complete as per the specification & directions of the architect / Engineer - in- Charge.	7.00	Nos.	75000.00	525000.00

54	M.R.	Manufacturing, Providing & Fixing Directional signage as per approved design & drawing letters laser edged on 2 mm. aluminum plate in dark green enamel properly fixed on 6 mm. thick aluminum sheet 900x150 size fixed over 100-150 diameter aluminum dia cast post/MS Pole placed over 450 diameter sand stone base 1380 high grouted with 600x600 mm wide Concrete block base in 100 mm thick P.C.C. all complete as per the specification & directions of the Engineer - in- Charge.	8.00	Nos.	35000.00	280000.00
					TOTAL	43692279.33
			Say	Rs.	4.37	Crs.

NOTE: Bidders will submit rates as % above/below or at par, which will be applicable for all BOQ items (SOR/Non- SOR). If any item not covered in the BOQ will be paid as per SOR with quoted percentage. If any item has to be executed which is not covered in BOQ items and SOR, then it will be paid as per approved rate analysis without any quoted percentage rate.

SECTION 5
FORM OF AGREEMENT

This agreement, made on the day of _____ between (name and address of Employer) (hereinafter called "the Employer) and _____(name and address of contractor) hereinafter called "the Contractor" of the other part.

Whereas the Employer is desirous that the Contractor execute _____(name and identification number of Contract) (hereinafter called "the Works") and the Employer has accepted the Bid by the Contractor for the execution and completion of such Works and the remedying of any defects therein, at a cost of Rs. _____

NOW THIS AGREEMENT WITNESSED as follows:

- 1. In this Agreement, words and expression shall have the same meanings as are respectively assigned to them in the conditions of contract hereinafter referred' to and they shall be deemed to form and be read and construed as part of this Agreement.
2. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all aspects with the provisions of the contract.
3. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying the defects wherein Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.
4. The following documents shall be deemed to form and be ready and construed as part of this Agreement viz.
i. Letter of Acceptance
ii. Contractor's Bid
iii. Condition of Contract: General and Special
iv. Contract Data
v. Bid Data
vi. Drawings
vii. Bill of Quantities and
viii. Any other documents listed in the Contract Data as forming part of the Contract.

In witnessed whereof the parties there to have caused this Agreement to be executed the day and year first before written. The Common Seal of _____was hereunto affixed in the presence of:

Signed, Sealed and Delivered by the said _____in the presence of:

Biding Signature of Employer

..... Biding Signature of

Contractor