

**बिड दस्तावेज़ / Bid Document**

बिड विवरण/Bid Details	
बिड बंद होने की तारीख/समय /Bid End Date/Time	01-12-2025 17:00:00
बिड खुलने की तारीख/समय /Bid Opening Date/Time	01-12-2025 17:30:00
बिड पेशकश वैधता (बंद होने की तारीख से)/Bid Offer Validity (From End Date)	155 (Days)
मंत्रालय/राज्य का नाम/Ministry/State Name	Pmo
विभाग का नाम/Department Name	Department Of Atomic Energy
संगठन का नाम/Organisation Name	Uranium Corporation Of India Limited
कार्यालय का नाम/Office Name	Jaduguda
वस्तु श्रेणी /Item Category	Customized AMC/CMC for Pre-owned Products - Repair, Maintenance and Construction of RCC and Bitumen Roads UCIL Plant Jaduguda (2024-2025); Civil Maintainance; Comprehensive Maintenance Contract (CMC); Not Applicable; Yes
अनुबंध अवधि /Contract Period	1 Year(s)
एमएसएमई के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है/MSE Exemption for Years of Experience and Turnover	No
स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है /Startup Exemption for Years of Experience and Turnover	No
विक्रेता से मांगे गए दस्तावेज़/Document required from seller	Experience Criteria,Certificate (Requested in ATC) *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेज़ों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेनू है/Do you want to show documents uploaded by bidders to all bidders participated in bid?	Yes (Documents submitted as part of a clarification or representation during the tender/bid process will also be displayed to other participated bidders after log in)
बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या। / Minimum number of bids required to disable automatic bid extension	1

बिड विवरण/Bid Details	
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / <b>Number of days for which Bid would be auto-extended</b>	7
ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / <b>Number of Auto Extension count</b>	1
बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled	Yes
रिवर्स नीलामी योग्यता नियम/RA Qualification Rule	H1-Highest Priced Bid Elimination
बिड का प्रकार/Type of Bid	Two Packet Bid
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय /Time allowed for Technical Clarifications during technical evaluation	3 Days
अनुमानित बिड मूल्य /Estimated Bid Value	88700890
मूल्यांकन पद्धति/Evaluation Method	Total value wise evaluation
मूल्य दर्शाने वाला वित्तीय दस्तावेज ब्रेकअप आवश्यक है / <b>Financial Document Indicating Price Breakup Required</b>	Yes
मध्यस्थता खंड/Arbitration Clause	No
सुलह खंड/Mediation Clause	No

#### ईएमडी विवरण/EMD Detail

एडवाइजरी बैंक/Advisory Bank	State Bank of India
ईएमडी राशि/EMD Amount	887009

#### ईपीबीजी विवरण /ePBG Detail

एडवाइजरी बैंक/Advisory Bank	State Bank of India
ईपीबीजी प्रतिशत (%) /ePBG Percentage(%)	5.00
ईपीबीजी की आवश्यक अवधि (माह) /Duration of ePBG required (Months).	26

(a). जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित कैटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज प्रस्तुत करने हैं। एमएसई कैटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।/EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए। / EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

**लाभार्थी /Beneficiary :**

Chief Manager A/c Works  
JADUGUDA, Department of Atomic Energy, URANIUM CORPORATION OF INDIA LIMITED, PMO  
(Posibabu I)

बोली विभाजन लागू नहीं किया गया/ Bid splitting not applied.

**एमआईआई अनुपालन/MII Compliance**

एमआईआई अनुपालन/MII Compliance	Yes
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**एमएसई खरीद वरीयता/MSE Purchase Preference**

एमएसई खरीद वरीयता/MSE Purchase Preference	Yes
सूक्ष्म और लघु उद्यम मूल उपकरण निर्माताओं को खरीद में प्राथमिकता, यदि उनका मूल्य $L1+X\%$ तक की सीमा में हो / Purchase Preference to MSE OEMs available upto price within $L1+X\%$	15
सूक्ष्म और लघु उद्यम को खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Maximum Percentage of Bid quantity for MSE purchase preference	100

1. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference for services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered service. If L-1 is not an MSE and MSE Service Provider (s) has/have quoted price within  $L-1+15\%$  of margin of purchase preference /price band as defined in the relevant policy, then 100% order quantity will be awarded to such MSE bidder subject to acceptance of L1 bid price. The buyers are advised to refer to the [OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if the credentials of the service provider are validated on-line in GeM profile as well as validated and approved by the Buyer after evaluation of submitted documents.

2. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

3. Reverse Auction would be conducted amongst all the technically qualified bidders except the Highest quoting bidder. The technically qualified Highest Quoting bidder will not be allowed to participate in RA. However, H-1 will also be allowed to participate in RA in following cases:

- If number of technically qualified bidders are only 2 or 3.
- If Buyer has chosen to split the bid amongst N sellers, and H1 bid is coming within N.
- In case Primary product of only one OEM is left in contention for participation in RA on elimination of H-1.
- If L-1 is non-MSE and H-1 is eligible MSE and H-1 price is coming within price band of 15% of Non-MSE L-1
- If L-1 is non-MII and H-1 is eligible MII and H-1 price is coming within price band of 20% of Non-MII L-1

**एक्सेल में अपलोड किए जाने की आवश्यकता /Excel Upload Required :**

Price Bid Road - [1762769139.xlsx](#)

**अतिरिक्त योग्यता /आवश्यक डेटा/Additional Qualification/Data Required****Scope of Work:**[1762769091.pdf](#)**Special Terms and Conditions/Penalty/Payment Terms pertaining to the Bid/Contract:**[1762769097.pdf](#)**Product/Equipment Details:**[1762769108.pdf](#)**Financial Breakup Required:**[1762769129.pdf](#)**Customized AMC/CMC For Pre-owned Products - Repair, Maintenance And Construction Of RCC And Bitumen Roads UCIL Plant Jaduguda (2024-2025); Civil Maintainance; Comprehensive Maintenance Contract (CMC); Not Applicable; Yes ( 1 )****तकनीकी विशिष्टियाँ /Technical Specifications**

विवरण/ Specification	मूल्य/ Values
<b>कोर / Core</b>	
Product category	Repair, Maintenance and Construction of RCC and Bitumen Roads UCIL Plant Jaduguda (2024-2025)
Product Brand	Civil Maintainance
Type of service	Comprehensive Maintenance Contract (CMC)
Preventive Maintenance Frequency	Not Applicable
Manpower Required	Yes
<b>एडऑन /Addon(s)</b>	

**क्रेता द्वारा निर्धारित न्यूनतम मूल्य/Minimum Floor Price defined by Buyer**

क्रेता द्वारा निर्धारित न्यूनतम मूल्य/Minimum Floor Price defined by Buyer	No
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**अतिरिक्त विशिष्टि दस्तावेज़ /Additional Specification Documents****परेषिती/रिपोर्टिंग अधिकारी /Consignees/Reporting Officer and Quantity**

क्र.सं./S.No.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	संसाधनों की मात्रा / Quantity of product/equipment	अतिरिक्त आवश्यकता /Additional Requirement
1	Sulabh Kumar Bais	832102,AT/PO-JADUGUDA MINES MAIN BUILDING URANIUM CORPORATION OF INDIA LTD	1	<ul style="list-style-type: none"><li>Number of months within the contract period for which service is required : 12</li></ul>

## क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें/**Buyer Added Bid Specific Terms and Conditions**

### 1. **Generic**

OPTION CLAUSE: The buyer can increase or decrease the contract quantity or contract duration up to 25 percent at the time of issue of the contract. However, once the contract is issued, contract quantity or contract duration can only be increased up to 25 percent. Bidders are bound to accept the revised quantity or duration

### 2. **Forms of EMD and PBG**

Bidders can also submit the EMD with Account Payee Demand Draft in favour of

URANIUM CORPORATION OF INDIA LIMITED  
payable at  
JADUGUDA

Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

### 3. **Forms of EMD and PBG**

Bidders can also submit the EMD with Payment online through RTGS / internet banking in Beneficiary name

URANIUM CORPORATION OF INDIA LIMITED  
Account No.  
33135840169  
IFSC Code  
SBIN0000227  
Bank Name  
STATE BANK OF INDIA  
Branch address  
JADUGUDA

Bidder to indicate bid number and name of bidding entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer along with bid.

### 4. **Forms of EMD and PBG**

Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of

URANIUM CORPORATION OF INDIA LIMITED  
payable at  
JADUGUDA

. After award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.

### 5. **Forms of EMD and PBG**

Successful Bidder can submit the Performance Security in the form of Payment online through RTGS / internet banking also (besides PBG which is allowed as per GeM GTC). On-line payment shall be in Beneficiary name

URANIUM CORPORATION OF INDIA LIMITED  
Account No.  
33135840169  
IFSC Code  
SBIN0000227  
Bank Name  
STATE BANK OF INDIA

Branch address  
JADUGUDA

. Successful Bidder to indicate Contract number and name of Seller entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer in place of PBG within 15 days of award of contract.

#### 6. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

**"Repair, Maintenance and Construction of RCC and Bitumen Roads UCIL Plant Jaduguda (2024-2025) "**

**Estimated amount = Rs 8,87,00,890.00 /-**

**Duration of Bid = 12 Months (365 days)**

**Earnest Money Deposit (EMD) (D.D./Banker's cheque only in favour of Uranium Corporation of India Limited Only)**

**EMD Amount = Rs. 8,87,009.00/-**

**The eligible criteria to qualify in Techno commercial Part are as below:-**

**1)** Average Annual financial turnover during the last 3(Three) consecutive financial years ending on 31<sup>st</sup> March of the previous financial shall be at least 30% (Rs.2,66,10,267.00) of the estimated cost supported by the audited annual accounts of each year.

**2)** Bidder shall have successfully completed similar works during last 7 years ending last day of month previous to the one in which bids are invited should be either of the following:

a) Three(3) similar completed works costing not less than the amount equal to 40% (Rs.3,54,80,356.00) of the estimated cost.

or

b) Two (2) similar completed works costing not less than the amount equal to 50% (Rs.4,43,50,445.00) of the estimated cost.

or

c) One (1) similar completed works costing not less than the amount equal to 80% (Rs.7,09,60,712.00) of the estimated cost.

The corporation may request to the bidder to visit the proposed work site to well acquaint about the site work before filling the rate /submit the Bid.

**3) Bidders must attach Work Order and work done certificate with mentioned executed amount and date of completion. (Completed work only will be considered incomplete work or work in progress will not be considered)**

**4) Similar works means “Experience in execution of work with any Central / State Govt Organization / PSU for Civil Construction work or Civil Maintenance work for Bituminous and RCC Roads”.**

#### **5) SCOPE OF WORK-**

1. Earth work in excavation in foundation, trenches, road etc. in all soils.
2. Filling available excavated earth (excluding rock) in plinth, trenches, sides of foundation.
3. Providing Dry Lean Concrete 150 mm thick as specified in MORTH Specification.
4. Construction of granular sub-base by providing close graded Material.
5. Laying plain cement concrete 1:1½:3 above GSB to provide smooth surface.
6. Supply and fixing TMT bars of Fe-500D or more (i.e. Fe-550D) for RCC works.
7. Providing and laying in position machine batched and machine mixed Design Mix M-40. RCC of road work is to be done in alternate panels of sizes not more than (3.5 M X 5.0 M) or as per instruction of Engineer in Charge.
8. Providing Construction joints-
  - 1) Expansion Joints- **Dowel bars of 500 mm length and 25 mm dia at 300 mm c/c are to be provided both in longitudinal and transverse directions with 25 mm thick Pre-moulded Bitumen Impregnated Fiber board and 25 mm thick poly sulphide sealant is to be filled at the top with one end is to be provided with PVC end cap. No separate payment will be made for this.**
  - 2) Contraction Joint – Construction Joints are to be provided with 25 mm thick Pre-moulded Bitumen Impregnated Fiber board and 25 mm thick poly sulphide sealant is to be filled at the top.
9. P & L Dense Graded Bituminous Macadam with Average 50 mm average compacted thickness with bitumen of grade VG-30 @ 5% (% by weight of total mix) and lime filler @ 2% (% by weight of Agg) prepared in Batch Type Hot Mix Plant of 100-120 TPH capacity.
10. Providing and laying Bituminous concrete Average 30 mm compacted thickness with bitumen of grade VG-30 @ 5.5% (% by weight of total mix) and lime filler @ 3% (% by weight of Aggregate) prepared in Batch Type Hot Mix Plant of 100-120 TPH capacity.
11. Providing and applying tack coat using hot straight run bitumen of grade VG-10.
12. Providing and laying seal coat of premixed fine aggregate with bitumen of grade VG-10.
13. Scarifying the existing bituminous road surface to a depth of 50 mm.
14. Providing and applying 2.5 mm thick road marking strips (retro reflective) of color using hot thermoplastic material by fully/semi automatic thermoplastic paint machine.
15. Providing and Fixing Retro Reflective sign board, Glow studs and speed breaker.
16. **Construction of Rear Gate of UCIL Jaduguda as per drawing provided by EIC of UCIL.**

#### **17. List of Technical Staff-**

- 1) Graduate Civil Engineer- 01 Nos. (Site In charge/Coordinator)-B.E. (Civil)
- 2) Surveyor - 01 Nos. (Certified)

- 3) Safety Supervisor - 01 Nos.-Diploma in Safety
- 4) Site Supervisor - 02 Nos.(01 for site supervision & 01 for QA/QC)-Diploma in Civil.

**Note-All the above technical staff should have minimum experience of 02 year.**

18. RCC M-40 Design Mix Test Report from NABL Accredited Lab/Reputed Govt Engineering College is to be submitted and Trial Mix is to be conducted at site for quality control at site (Cost is to be borne by the contractor). Following test are to be conducted as per relevant IS Codes and register/record is to be maintained at site for the same.

- a) Average compressive strength of (150 x 150 x 150) mm size of Cubes of 3 Nos for 7 and 28 days both to be tested at site. Frequency of testing is to be done as per clause no. - 5.2.2 Of IS 456:2000. In addition to frequency mentioned at every 100 Cum of Concrete one number of Sample (6 Nos of Cubes) is to be sent to NABL Lab/ Reputed Govt Engineering College duly or as per instruction of EIC.
- b) Workability/Slump test is to be done at site as per IS 1199: Part 2: 2018.
- c) Sieve analysis is to be done at site for coarse and fine aggregates as per IS 2386 Part 1 and IS 383.
- d) **One sample of Steel Reinforcement is to be sent to NABL Lab/ Reputed Govt Engineering College for testing for Physical, Chemical and Mechanical parameters as per IS 1786.**

19. **List of Equipments - The work shall be done in fully mechanized manner. All necessary equipments shall be mobilized and used by the contractor to complete the job in the stipulated time.**

- 1) Hydraulic Excavator Poklain/JCB- 1Nos.
- 2) All Hauling/transport vehicles like Tipper/Dumper/Truck - 2 Nos.
- 3) Paver finisher with electronic sensor - 1 Nos.
- 4) Vibratory and tandem rollers- 01 Nos each.
- 5) Batch Type Hot Mix Plant of 100-120 TPH Capacity - 1 Nos (within 20 Km)-**(Agreement copy with the Plant Owner may be submitted before starting of Bituminous work)**
- 6) Mobile Concrete Batching Plant/ Self-loading concrete mixers (SLCMs)-1 Nos with valid calibration certificate.
- 7) Dewater Pump - 01 Nos of suitable capacity with PVC Curing water pipe 250 M.
- 8) Survey Instruments like (Total Station - 1 Nos and Auto level - 1 Nos) with valid calibration certificates is to be deployed at site at the starting day of the work.
- 9) Quality test equipments like, Cube Mould- 5 Sets (30 nos.), Slump Cone-02 Nos, Calibrated electronic temperature gauge - 02 Nos, Sieve analysis set for coarse and fine aggregates etc.

Note-All the equipment shall be in excellent running condition taking into consideration of usual downtime and breakdown time of equipment and replacement of any breakdown machine/instrument is to be provided with 3 working days or as per instruction of EIC.

20. All construction materials will be supplied by contractor within given time frame by EIC. Contractors are advised to see the area get acquainted with the actual features of the land where work is to be executed and get other related information before quoting their rates for carrying out the work successfully.

#### **TECHNICAL SPECIFICATION**

1. All work for civil item shall be carried out as per latest Indian standard, CPWD/IS CODES and MORTH specification which shall form part of this specification and instruction of the Engineer in Charge in case of conflict or where an aspect of work is not covered by the Indian Standard and specification, Engineer's instruction shall be strictly followed.



2. Following IS Codes shall be applicable- IS : 456, IS : 9103, IS : 15489, IS : 164 with latest edition.
3. Contractor should deploy - one Site Engineer and One Site Supervisor for ensuring the quality and safety of work at site.
4. All kind of road work bitumen or RCC roads shall be done as per site requirement i.e. to match the existing slope, drainage and camber etc.
5. Curing Tank is to be constructed of size (5 M X 3 M X 1M) with brickwork and plaster at site for curing of Cubes. No separate payment will be done for this.

**6) PENALTY** - Penalty Clause will not be applicable.

### **7) Labour escalation-**

The Labour wage escalation will be paid taking labour component @100% as per formula mentioned below up to the scheduled completion date including duly approved Time Extension, if any, on the items mentioned in the schedule of the items and rates. No escalation will be attracted for the period beyond duly approved time extension.

$V = [30\% \times (L - Lo)/Lo] \times W$ , Where

V = Extra amount to be paid in Rupees

Lo = Rate of unskilled workmen as Chaibasa as on opening of Bid

L = Rate of unskilled workmen as per ALC (C), Chaibasa for the period under consideration.

W = Total Value of work done in Rupees for the period under consideration

**8) Earned Leave with wages Max 15 days per year per manpower to be paid to the contract worker as per Section 79) Annual leave with wages of Factories Act 1948. No separate payment will be done by the UCIL to contractor for this. Contractor has to consider this fact, accordingly rate may be quoted by contractor.**

### **9) Security Deposit /Performance Security-**

In addition to ePBG- 5% as mentioned in Gem Bid, additional 5% ePBG as Security deposit shall be applicable. Therefore Total amount of Security deposit shall be limited to 10 % of the awarded value of work. (As per Schedule-F of GCC Page No. 94 of 94 of NIT).

ePBG Detail-

Advisory Bank - State Bank of India

ePBG Percentage - 10.00 %

SD Amount - Rs. 88,70,089.00 /-

Duration of ePBG required - 26 months.

### **10) EMD Details -**

Advisory Bank - State Bank of India

EMD Amount - Rs. 8,87,009.00 /-

**11) Schedule of Quantity-**

Uranium Corporation Of India Limited			
SOQ : "Repair, Maintenance and Construction of RCC and Bitumen Roads UCL Plant Jaduguda (2024-2025)"			
S.L. No.	Description	Unit of Measurement	Quantity
1	Earth work in excavation in foundation, trenches, road etc. in all soils mixed with gravels, including dressing the sides, trimming and preparing the bed for foundation, de-watering, including refilling the excavated stuff around the foundation, watering, consolidating etc. complete as per drawing, specification and instruction of the EIC. Up to 1.5 m depth.	Cum	3930.00
2	Filling available excavated earth (excluding rock) in plinth, trenches, sides of foundation etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming (allow for brecking up lumps, shrinkage etc.) watering lead up to 50 meter and lift up to 50 meter complete as directed by Engineer-in-charge.	Cum	320.00
3	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	Cum	100.00
4	Laying plain cement concrete 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size) for floors, drain, pavement, hard surfacing including loading, unloading, transportation of materials from stock yard to work site. Finishing concrete surface, in line, level, curing, de-watering etc. all complete as per specification and instruction of the EIC.	Cum	73.00

5	Construction of granular sub-base by providing close graded Material conforming to specifications, mixing in a mechanical mix plant at OMC, carriage of mixed material by tippers to work site, for all leads & lifts, spreading in Uniform layers of specified thickness with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge : With material conforming to Grade-II (size range 53 mm to 0.075 mm ) having CBR Value-25	Cum	1330.00
6	Providing and laying dry lean cement concrete sub base with coarse and fine aggregate conforming to IS:383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per specifications, cement content not to be less than 150 Kg/cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, for all leads & lifts, laid with a mechanical paver, compacting with 8-10 tonne vibratory roller, finishing and curing etc. complete as per direction of Engineer-in-charge.	Cum	798.00
7	Providing and laying in position machine batched and machine mixed design mix M-40 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. (Note :- Cement content considered in this item is @ 360 kg/cum. Excess/less cement used as per design mix is payable/recoverable separately).	Cum	1400.00
8	Supply and fixing TMT bars of Fe-500D or more (i.e. Fe-550D) for reinforced cement concrete work / brick work including transporting, decoiling, straightening, cutting, derusting, bending, placing in position at all height and binding with binding wire etc. complete as per drawing, specification and instruction of the Engineer-in-charge.	Kgs	91000.00

9	Demolishing (at any level) various grade plain cement concrete in foundation, floor etc. and disposal of material and boulder within 3 km lead by department dumper including stacking serviceable materials at site as per instruction of the Engineer-in-charge.	Cum	50.00
10	Demolishing various grade reinforced cement concrete in all foundation and super structure including stacking of steel bars, scaffolding etc. complete as per instruction of the Engineer - in-charge. And disposal of above materials up to 3 km lead by department dumper/truck.	Cum	837.00
11	Providing and fixing straight shuttering for concrete works to anywhere at any level (Including staging) including strutting, providing etc. for all type of works. And removing of form or striking out after completion of works as directed and specified by the Engineer-in-charge.	Sqm	2368.00
12	Supplying and applying two coats of general purpose synthetic enamel first quality paint of approved brand and quality of required shade, including wire brushing and sand papering, de-scaling, removing rust, dust loose scale, spillage etc. from tanks, chutes, jalli, Hopper, Bins, vessels, perforated cable tray, under side of chequered plate walkways, and including welded with other supporting structure of hopper, bins, chutes, etc. at all heights with necessary scaffolding etc. complete as per specification and direction of the Engineer-in-charge.	Sqm	2500.00
13	Finishing walls with 100% Premium acrylic emulsion Exterior paint having VOC less than 50 g/m <sup>2</sup> /litre and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint (Emulsion Weather Coat of best quality) required shade (Company Depot Tinted) with silicon additives. Preferable make Dulux/Nerolac/Burger/ Asian Paints or as per direction of EIC Old work/New work (Two or more coats applied @ 1.67 litre/ 10 sqm. Over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm.	Sqm	1175.00
14	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. including scaffolding complete as per instruction of the Engineer-in-charge.	Kgs	1000.00
15	Dismantling bituminous road manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge	Sqm	2290.00

16	Providing and laying Dense Graded Bituminous Macadam using crushed stone aggregates of specified grading, premixed with bituminous binder and filler 50 mm average compacted thickness with bitumen of grade VG-30 @ 5% (percentage by weight of total mix) and lime filler @ 2% (percentage by weight of Aggregate) prepared in Batch Type Hot Mix Plant of 100-120 TPH capacity. transporting the hot mix to work site by tippers, laying with paver finisher equipped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers as per specifications to achieve the desired compaction and density, complete as per specifications and directions of Engineer-in-Charge.	Cum	2610.00
17	Providing and laying Bituminous concrete using crushed stone aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site by tippers, laying with paver finisher equipped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction and density as per specification, complete and as per directions of Engineer-in-Charge. Average 30 mm compacted thickness with bitumen of grade VG-30 @ 5.5% (percentage by weight of total mix) and lime filler @ 3% (percentage by weight of Aggregate) prepared in Batch Type Hot Mix Plant of 100-120 TPH capacity.	Cum	1565.00
18	Providing and applying tack coat using hot straight run bitumen of grade VG - 10, including heating the bitumen, spraying the bitumen with mechanically operated spray unit fitted on bitumen boiler, cleaning and preparing the existing road surface as per specifications On bituminous surface @ 0.50 Kg / sqm	Sqm	104368.00
19	Providing and laying seal coat of premixed fine aggregate ( passing 2.36 mm and retained on 180 micron sieve) with A25 bitumen using 128 kg of bitumen of grade VG - 10 bitumen per cum of fine aggregate and 0.60 cum of fine aggregate per 100 sqm of road surface, including rolling and finishing with road roller all complete	Sqm	52184.00
20	Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material within all lifts and lead upto 1km (by mechanical means)	Sqm	52184.00
21	Cutting bituminous portion of road and making good the same including supply of extra quantities of materials i.e. aggregate, moorum screening, red bajri and labour required.	Cum	100.00

22	Transportation of Excavated Earth by Mechanical Transport including loading,unloading and stacking upto 2 km	Cum	50.00
23	Providing and laying Non Pressure NP-4 class ( Heavy duty) R.C.C. Hume pipes including collars/spigot jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete-600 mm dia	Metre	50.00
24	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	50.00
25	Random rubble masonry with hard stone in superstructure above plinth level and upto floor five level, including leveling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) at window sills, ceiling level and the like with Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	50.00
26	Providing and Fixing the Convex Mirror for Road safety at Junction and turning point as per suitable at site condition. Fixing the same with pit of 300X300X500 with mix of PCC-1:2:4.	Each	20.00

27	<p>Manufacturing, supplying and fixing retro reflective sign boards -Cautionary /warning sign boards of equilateral triangular shape having each side of 900 mm with support length of 3650 mm, made up of 2 mm thick aluminium sheet, face to be fully covered with high intensity encapsulated type heat activated retro reflective sheeting conforming to type - IV of ASTM-D 4956-01 in blue and silver white or other colour combination including subject matter, message (bi-lingual), symbols and borders etc. as per IRC ; 67:2001, pasted on substrate by an adhesive backing which shall be activated by applying heat and pressure conforming to class -2 of ASTM-D-4956-01 and fixing the same with suitable sized aluminium alloy rivets @ 20 cm c/c to back support frame of M.S. angle iron of size 25x25x3 mm along with theft resistant measures, mounted and fixed with 2 Nos. M.S. angles of size 35x35x5 mm to a vertical post made up to M.S. Tee section ISMT 50x50x6 mm welded with base plate of size 100x100x5 mm at the bottom end and including making holes in pipes, angles flats, providing &amp; fixing M.S. message plate of required size, steel work to be painted with two or more coats of synthetic enamel paint of required shade and of approved brand &amp; manufacture over priming coat of zinc chromate yellow primer (vertical MS-Tee support to be painted in black and white colours). Backside of aluminium sheet to be painted with two or more coats of epoxy paint over and including appropriate priming coat including all leads and lifts etc. complete as per drawing, specification and direction of Engineer-in-charge.</p>	Each	10.00
28	<p>Providing and applying 2.5 mm thick road marking strips (retroreflective) of specified shade/colour using hot thermoplastic material by fully/ semi automatic thermoplastic paint applicator machine fitted with profile shoe, glass beads dispenser, propane tank heater and profile shoe heater, driven by experienced operator on road surface including cost of material, labour, T&amp;P, cleaning the road surface of all dirt, seals, oil, grease and foreign material etc. complete as per direction of Engineer-in-charge and accordance with applicable specifications.</p>	Sqm	1351.00

29	Providing and fixing Glow studs of size 100x20 mm made of heavy duty body shall be moulded ASA (Acrylic styrene Acrylonitrile ) or HIP (High impact polystyrene) or ABS having electronically welded micro- prismatic lens with abrasion resistant coating as approved by Engineer in charge. The glow stud shall support a load of 13635 kg tested in accordance with ASTM D4280. The slope of retro- reflective surface shall be 35 (+/-5) degrees to base .The reflective panels on both sides with at least 12 cm of reflective area up each side. The luminance intensity should be as per the specification and shall be tested as described in ASTM I: 809 as recommended in BS: 873 part 4 : 1973. The studs shall be fixed to the Road surface using the adhesive conforming to IS, as per procedure recommended by the manufacturer complete and as per direction of Engineer-incharge.	Each	3000.00
30	Providing and Fixing the Speed Bracker (Heavy Duty) for Road safety as per site condition. Fixing the same with high quality grouting chemicals with drilling bolts upto 150mm.	Metre	50.00

#### 7. Buyer Added Bid Specific ATC

Buyer uploaded ATC document [Click here to view the file.](#)

### अस्वीकरण/Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.



11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.
15. Any ATC clause in contravention with GeM GTC Clause 4 (xiii)(h) will be invalid. In case of multiple L1 bidders against a service bid, the buyer shall place the Contract by selection of a bidder amongst the L-1 bidders through a Random Algorithm executed by GeM system.
16. Buyer added ATC Clauses which are in contravention of clauses defined by buyer in system generated bid template as indicated above in the Bid Details section, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by GeM GTC.
17. In a category based bid, adding additional items, through buyer added additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogs or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

**All GeM Sellers / Service Providers are mandated to ensure compliance with all the applicable laws / acts / rules including but not limited to all Labour Laws such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972 etc. Any non-compliance will be treated as breach of contract and Buyer may take suitable actions as per GeM Contract.**

This Bid is governed by the [सामान्य नियम और शर्तें/General Terms and Conditions](#), conditions stipulated in Bid and [Service Level Agreement](#) specific to this Service as provided in the Marketplace. However in case if any condition specified in सामान्य नियम और शर्तें/General Terms and Conditions is contradicted by the conditions stipulated in Service Level Agreement, then it will over ride the conditions in the General Terms and Conditions.

जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्यवाई का आधार होगा।/In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

**---धन्यवाद/Thank You---**