REQUEST FOR BID
(RFB)

Volume-3

BILL OF QUANTITIES

PREAMBLE

Annexure -I Scope of Services – Routine Maintenance Works:

1. Annexure -I given below shall be read in conjunction with the Instructions to Bidders, Service Agreement, General and Special Conditions of Contract and any other relevant documents / data

2. The rates to be quoted in Annexure -I shall, except in so far as it is otherwise provided under the Contract, include all labour, supervision, materials, all temporary works and false works, erection, transportation, maintenance, insurance, administrative overheads, PF, ESIC, Safety profit, taxes and duties, together with all general risks, liabilities and obligations set out or implied in the Contract, and including remedy of any defects.

3. A lump sum per Km Rate shall be entered for the scope of work defined in Annexure-I. For Annexure II, Labor rate only for the items defined shall be quoted.

4. The costs of complying with the provisions of the Contract shall be included in the items provided in the priced Annexure-I.

5. The method of measurement of completed work for payment shall be as per Specification.

Annexure -1

Providing Services for Execution of Routine Operation and Maintenance Works, Cleaning and Horticulture Works

Project Name:- To be Quoted by the Bidder at the time of Submission of Bid

Bill of Quantities –

Sr. No.	Item Description	Unit	Rate/Km /Month ₹	Km	Amount/ Month ₹
a	**Median Maintenance :** Trimming of plants/shrubs at media, islands rotary, interchanges, toll plaza and truck lay bye along with removal of branches / undesirable vegetation / debris / garbage including supplying & spreading manure, Providing and spreading insecticides / pesticides as and when required as per site conditions and as directed by site In-charge . ***Penalties will be imposed if any discrepancies will be found in work as per Schedule-V.***	Km			
b	**Roadside Maintenance:** General cleaning and removal of undesirable vegetation/weeds/litter/garbage along with its disposal from site as directed by site In-charge with all leads and lifts complete. ***Penalties will be imposed if any discrepancies will be found in work as per Schedule-V.***				
c	**Maintenance of Existing plants (median + avenue) :** A joint inspect ion to count the number of plants present in the median and avenue shall be carried out between the service provider and company and the same shall be handed over to the service provider for monthly maintenance. The Service Provider will be required to maintain the number of plants for the entire duration of the contract as found out through thus joint inspection. ***Penalties will be imposed if any discrepancies will be found in work as per Schedule-V***				
d	**Watering:** Watering of all plants/shrubs Planted for aesthetical/e environmental purpose to keep				

Sr. No.	Item Description	Unit	Rate/Km /Month ₹	Km	Amount/ Month ₹
	them all the time in healthy state. ***Penalties will be imposed if any discrepancies will be found in work as per Schedule-V.***				
e	**Cleaning of Road Furniture (Delineators, Signboards, Crash Barrier, PGR etc.):** Cleaning of Road furniture in medians, roadside and service roads, as directed by site in-charge at least once in a month. ***Penalties will be imposed if any discrepancies will be found in work as per Schedule-V.***				
f	**Cleaning of Road :** Surface cleaning of main carriage way along with paved shoulders and service roads, busbays / truck laybys preferably by mechanical means along with disposal of debris from site as directed by site in-charge with all leads and lifts complete including wet cleaning of kerbs at least once in two months. ***Penalties will be imposed if any discrepancies will be found in work as per Schedule-V.***				
g	**Cleaning of Toilet Blocks:** Toilet Block shall be kept in clean and usable condition throughout the day. The service provider shall provide at least one manpower round the clock for each of the toilet blocks the service provider shall provide all such materials/consumables which are required to keep the toilet block neat and clean. The responsibility of the material available in the toilet blocks will be of the service provider against theft and breakage. ***Penalties will be imposed if any discrepancies will be found in work as per Schedule-V.***				
h	**Cleaning of Drains:** Cleaning of roadside and median drains wherever required including disposal of sediments, excess material from site with all leads and lifts complete in all respect as directed by the site in¬ charge carrying out. ***Penalties will be imposed if any discrepancies will be found in work as per Schedule-V.***				

Sr. No.	Item Description	Unit	Rate/Km /Month ₹	Km	Amount/ Month ₹
i	**Cleaning of Toll Plaza and booths:** Cleaning of toll plaza premises, toll booth and toll lanes including wet cleaning of road furniture in toll plaza. ***Penalties will be imposed if any discrepancies will be found in work as per Schedule-V.***				
j	**Cleaning of Waterway of Structures / Culverts & Structures:** Desilting, cleaning of culverts(box, Slab & Pipe), Under pass, bridges, flyovers, ROBs Etc. including disposal of excess material from site with all leads and lift complete in all respects as directed by site in-charge. ***Penalties will be imposed if any discrepancies will be found in work as per Schedule¬ V.***				
k	**Safety during Service:** The work zone shall be barricaded as per prevailing IRC Codes and Standards. Minimum quantities of safety material required shall be as mentioned in Schedule-VIII. ***Penalties will be imposed if any discrepancies will be found in Safety as per Schedule-V.***				

Note:

1. The service provider shall deploy manpower (labour, supervisor) / material / machinery / equipment / vehicles / tools & tackles and any other items in sync with Scope of Work defined above for effective implementation, monitoring & reporting of work.
2. Service Provider shall nominate person responsible for day to day coordination / communication of the work with Client.
3. Quoted rates are inclusive of GST and all other applicable taxes, PF, ESIC and any Statutory Payment
4. Item rate shall be inclusive of all material, manpower, equipment cost, royalties, transportation, etc.
5. No changes in the item rates shall be considered for adjustment of variation.
6. Service Provider shall arrange all the necessary equipment's required to execute the work as per the Standards and Specifications and as per good industrial practice
7. TDS shall be deducted at the rates applicable as per provisions of Income Tax Act from Service Provider's running bills. For this purpose, Service Provider shall submit necessary documents / details / information's as may be required by the Company from time to time.

8. The Service Provider shall be responsible for compliance as per prevalent Labour Laws including the labour cess compliances and its payment to Authority
9. The Service Provider shall arrange for all insurances including Service Provider's equipment if any and its own surrounding property workmen's compensation, group accident, and group Mediclaim. The Company will not be liable for any compensation towards loss of life & property.
10. Above Annexure -I with rates shall be submitted on letterhead of the Bidder with signature of authorized signatory and company stamp

Service Fee (Monthly): Project Name _____ From chainage Km ___.___ to Km ___.___ of (Project Name_____) Rupees _____ Only (Inclusive of GST)

S. N.	Name of Project	SPV	State	Project Length (Km)	No. of Lanes
1	Barwa Adda Panagarh Section of NH 02 from km 398.240 to km 521.120 including Panagarh Bypass	Barwa Adda Expressway Limited (BAEL)	West Bengal & Jharkhand	123 (727 Lane Km)	6 Lane
2	Moradabad Bareilly Section of NH 24 from Km 148+000 to 262+0002	Moradabad Bareilly Expressway Limited (MBEL)	Uttar Pradesh	121 (522 Lane Km)	4 Lane
3	Pune Solalpur Section of NH 09 from Km 144+400 to Km 249+000	Pune Solapur Road Development Company Limited (PSRDCL)	Maharashtra	101.325 (571.30 Lane Km)	4 Lane
4	Baleshwar Kharagpur Section of NH 06 from Km : 0+000 to Km : 119+300	Baleshwar Kharagpur Expressway Limited (BKEL)	Orrisa & West Bengal	119.30 (477.20 Lane Km)	4 Lane
5	Jetpur Gondal Rajkot Section of NH 27 - from Km 117+600 to Km 184+780	West Gujarat Expressway Limited (WGEL)	Gujarat	67 (389 Lane Km)	4 Lane
6	Sikar Bikaner Section from Km 553+869 of NH-11 to Km 267+325 of NH-89	Sikar-Bikaner Highway Limited (SBHL)	Rajasthan	237 (540 Lane Km)	2 Lane
7	Thiruvananthapuram City Road Improvement Project (TCRIP)	Thiruvananthapuram Road Development Company Limited (TRDCL)	Kerala	42.351 (162 Lane Km)	2 to 6 Lane
8	Hazaribagh Ranchi Section of NH 33 from Km 40+500 to Km 144+000	Hazaribagh Ranchi Expressway Limited (HREL)	Jharkhand	73.866 (295.464 Lane Km)	4 Lane
9	Ranchi Patratu Dam Ramgarh Road of SH-2 from Km 0+000 to Km 35.270 (RPR-I)	Jharkhand Road Project Implementation Company Ltd. (JRPICL)	Jharkhand	35.270 (103.74 Lane Km)	2 / 4 Lane

S. N.	Name of Project	SPV	State	Project Length (Km)	No. of Lanes
10	Patratu Dam Ramgarh Road Stretch of SH-2 from Km 0+000 to 17+118 (RPR – II)	Jharkhand Road Project Implementation Company Ltd. (JRPICL)	Jharkhand	27.118 (108.472 Lane Km)	2 / 4 Lane
11	Ranchi Ring Road Section III to VI from Km 0+600 to Km 36.19	Jharkhand Road Project Implementation Company Ltd. (JRPICL)	Jharkhand	36.192 (217.152 Lane Km)	6 Lane
12	Adityapur to Kandra Road from Km 0+000 to Km 15+100	Jharkhand Road Project Implementation Company Ltd. (JRPICL)	Jharkhand	15.100 (60.400 Lane Km)	4 Lane
13	Chowka- Kandra - Chaibasa Road from Km 0+000 to Km 68+700	Jharkhand Road Project Implementation Company Ltd. (JRPICL)	Jharkhand	68.7 (137.40 Lane Km)	2 Lane
14	Ranchi Ring Road (RRR-VII)	Jharkhand Infrastructure Implementation Company Ltd (JIICL)	Jharkhand	23.575 (141.45 Lane Km)	6 Lane

Anexure II

B	Labour Only Charges for Execution of other Periodic Maintenance Work		
Sr. No.	**Item Description**	**Unit**	**Labour Only Rate (₹)**
1	Applying two coats of enamel / water based paint over a primer coat on concrete surface (Kerb / Crash Barrier / Separator) as directed by the Engineer.	Sqm	
2	Repair of damaged kerb as per direction of Engineer	Rmt	
3	Removal and / or erection of new metal beam crash barrier as directed by the Engineer	Rmt	
4	Dismantling of Existing Crash Barrier/ Railing	Rmt	
5	Fixing of pedestrian guard rail (PGR) after removing existing (PGR) as per direction of the Engineer	Rmt	
6	Fixing of various type of Stone i.e. 5th KM, Km, Boundary, Hectometre etc.	No.	
7	Fixing of Traffic Signs	No.	
8	Fixing of Road Studs	No.	
9	Patch Work using Hotmix / Cold Mix Material	Sqm	
10	Repair of Shoulder / Shoulder Maintenance / Filling of Rain Cut	Sqm	
11	Applying Thermoplastic Paint with Drop on Glass Beads for Execution of Pavement Marking as per Technical Specification MoRTH Clause 803, IRC 35:2015 & Other Applicable Codal Provisions and as directed by Engineer In-charge. – *All machinery in scope of Labour Contractor*	Sqm	
12	Median Plantation	No.	
13	Avenue Plantation	No.	
14	Repair of Footpath	Sqm	
15	Repair of Concrete Crash Barrier / Parapet Wall / Separator	Rmt	
16	Repair of Random Rubble Masonry Stone	Rmt	
17	Supply of Extra Unskilled Labour	No.	
18	Supply of Extra Semi-skilled Labour	No.	
C)	**Incident Management**		
Sr. No.	**Item Description**	**Unit**	**Rate / Month (₹)**
19	Providing Route Patrol Vehicle for 24x7, 365 Days with RPO, Helper etc. for round the clock Patrolling of Project Corridor as per the Provision of the Concession Agreement incl. O&M of RPV, Service, Driver, Fuel all inclusive	Per Month	
20	Providing Ambulance for 24x7, 365 Days with Driver, Paramedical Officer & Helper etc. having response time of less than or equal to 30 minutes as per the Provision of the Concession Agreement incl. O&M of Ambulance, Service, Driver, Fuel all inclusive	Per Month	
21	Providing Crane for 24x7, 365 Days with Driver/ Crane Operator, Helper etc. for removal of damaged vehicle blocking the traffic at Project Corridor as per the Provision of the Concession Agreement incl. O&M of Crane, Service, & Fuel all inclusive	Per Month	

Note:-

1. The service provider shall provide Labor rate Only for execution of work with. Material shall be supplied by Company.
2. Minor Tools & Tackles like Spade, Chisel, Welding Machine, Brush, Broom etc. which are required for execution of above works shall be provided by the Service Provider.
3. Personal Protective Equipment (PPE) like Safety Jackets, Safety Shoes, Gloves, Safety Helmets, Goggles, Mask, etc. shall be provided by the Service Provider.
4. Service provider shall maintain and provide detailed record of material consumed while execution of above work and provide this report to the Company at the end of day's work without fail.

SECURITIES AND OTHER FORMS

SECURITIES AND OTHER FORMS

Form – A	:	Form of Bid
Form – B	:	Bid Security (Bank Guarantee)
Form – C	:	Letter of Acceptance
Form – D	:	Deleted
Form – E	:	Deleted
Form – F	:	Deleted
Form – G	:	Deleted
Form – H	:	Bank Guarantee for Advance Payment
Form – I	:	Performance Bank Guarantee

Forms of Securities

Acceptable forms of securities are annexed. Bidders should not complete Advance Payment Security forms at this time. Only the successful Bidder will be required to provide Advance Payment Securities in accordance with one of the forms, or in a similar form acceptable to the Employer.

Form: A
(Please refer Clause 18 of ITB)

FORM OF BID

Elsamex Maintenance Services Limited
25th Floor, GIFT 1 Tower,
GIFT City,
Gandhinagar, Gujarat 382355

Gentlemen,

Sub.: Providing Services for Execution of Routine Operation and Maintenance Works, Cleaning and Horticulture Works –
Name of Project: -_____

1. We offer to execute the Works described above in accordance with the Bidding Documents including Invitation for Bid, Instructions to Bidders, Conditions of Contract, Annexures and Addenda if any for the Prices and sum mentioned in Annexure 1 & of the Bidding Document attached with this letter. As per this, our offer for execution of works at ***(Project Name: - _____) is ₹ _____*** as per the sum total as given in Annexure 1.

2. We understand that you are not bound to accept the lowest or any Bid you receive.

3. Unless and until an Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding Contract between us, but without prejudice to your right to withdraw such acceptance under the provisions of the Bid Document.

4. We assure you that the criteria based on which we were qualified are valid as of date.

5. We agree to abide by this Bid for the period of one hundred eighty (120) days from the closing date of Bid Submission, and it shall remain binding upon us and may be accepted at any time before the expiry of that period.

6. We understand that for this Bid, we shall comply with the Eligibility, Bid Validity and Bid Security required as stated in the Bidding documents. We attach herewith our current Income Tax clearance certificate.

7. We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India namely “Prevention of Corruption Act 1988”.

Yours faithfully,

Authorized Signature:
Name & Title of Signatory:
Name of Bidder with official seal:
Address :

Form – B
(Please refer Clause 16 of ITB)

BID SECURITY (BANK GUARANTEE)

WHEREAS, _____ *[name of Bidder]* (hereinafter called "the Bidder") has submitted his Bid dated _____ *[date]* for the works **"Providing Services for Execution of Routine Operation and Maintenance Works, Cleaning and Horticulture Works at (Name of Project:- _____)"** (hereinafter called "the Bid").

KNOW ALL PEOPLE by these presents that We _____ *[name of bank]* having our registered office at _____ (hereinafter called "the Bank") are bound unto Elsamex Maintenance Services Limited (hereinafter called "the Employer") in the sum of ***₹ 1,00,000/- (Rupees One Lakh Only)#*** for which payment well and truly to be made to the said Employer the Bank binds itself, his successors and assigns by these presents.

SEALED with the Common Seal of the said Bank this _____ day of _____ 2021

THE CONDITIONS of this obligation are:

(1) If after Bid opening the Bidder withdraws his Bid during the period of Bid validity specified in the Form of Bid; or

(2) If the Bidder having been notified of the acceptance of his Bid by the Employer during the period of Bid validity:

(a) fails or refuses to execute the Form of Agreement in accordance with the Instructions to Bidders, if required; or

(b) Deleted

(c) does not accept the correction of the Bid Price pursuant to Clause 27 of ITB;

we undertake to pay to the Employer up to the above amount upon receipt of his first written demand, without the Employer having to substantiate his demand, provided that in his demand the Employer will note that the amount claimed by him is due to him owing to the occurrence of one or any of the three conditions, specifying the occurred condition or conditions.

This Guarantee will remain in force up to and including 90 days after the Bid validity period as stated in the Instructions to Bidders or as it may be extended by the Employer, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this guarantee should reach the Bank not later than the above date.

DATE _____ SIGNATURE OF THE BANK _____

WITNESS _____ SEAL _____

_____

[signature, name, and address]

 # - Bid Security of ₹ 1,00,000/- shall be provided per Project.

Form – C

(Please refer Clause 31 of ITB)

(Letterhead paper of the Employer)

Letter of Acceptance

To: [name and address of the Service Road] [date]

Sub.: Providing Services for Execution of Routine Operation and Maintenance Works, Cleaning and Horticulture Works at (Name of Project:- _____)

Dear Sirs,

1. It is hereby confirmed that your Bid received on _____ submitted to the Company for the work mentioned in the subject above has been accepted for and on behalf of the Company for an amount mentioned below on rates quoted by you and the terms and conditions as contained in Volume-1 and Volume-2 of bidding documents and subsequently addendum/corrigendum issued.

2. The accepted amount of the bid for the above mentioned work in consideration, execution, completion and maintenance of works by you as prescribed in the bidding documents is as under:

Particulars	Bid amount indicated by you (in ₹)	Amount of Bid after arithmetical corrections (in ₹)	Rebate offered	Bid Amount after Rebate (in ₹.)
Routine O&M Works, Cleaning and Horticulture Works				
TOTAL				

3. The net accepted amount of the Bid is ₹_____ (₹ *In words*).

Yours faithfully,

Authorized Signatory
Name and Title of Signatory
Name of Agency

Form – D

(Please refer Clause 32 of ITB)

Deleted

Form – F

(Please refer Clause 31 of ITB)

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Form – G

(Please refer Clause 31 of ITB)

Deleted

Form – H

Deleted

Form – I

FORMAT FOR PERFORMANCE BANK GUARANTEE

To,
Elsamex Maintenance Services Limited
25th Floor, GIFT 1 Tower,
GIFT City,
Gandhinagar, Gujarat 382355

WHEREAS:

(A) …….. (the "***Service Provider***") and Elsamex Maintenance Services Limited (the "**Company**") have entered into a Contract Agreement dated …….. (the "**Agreement**") whereby the Company has awarded **Routine Operation and Maintenance Works, Cleaning and Horticulture Works at (Project Name:- _____)**, subject to and in accordance with the provisions of the Agreement.

(B) The Agreement requires the Contractor to furnish a Performance Security to the Client / ***of Amount Equivalent to One Month of Service Fee*** as security for due and faithful performance of its obligations, under and in accordance with the Agreement, during the Service Period (as defined in the Agreement).

(C) We, …….. through our Branch at ……. (the "**Bank**") have agreed to furnish this Bank Guarantee by way of Performance Security.

NOW, THEREFORE, the Bank hereby, unconditionally and irrevocably, guarantees and affirms as follows:

1. The Bank hereby unconditionally and irrevocably guarantees the due and faithful performance of the Contractor's obligations during the Construction Period, under and in accordance with the Agreement, and agrees and undertakes to pay to the Company /Client, upon its mere first written demand, and without any demur, reservation, recourse, contest or protest, and without any reference to the Contractor, such sum or sums upto an aggregate sum of the Guarantee Amount as the Company / Client shall claim, without the Client / Company being required to prove or to show grounds or reasons for its demand and/or for the sum specified therein.

2. A letter from Company/Client that the Contractor has committed default in the due and faithful performance of all or any of its obligations under and in accordance with the Agreement shall be conclusive, final and binding on the Bank. The Bank further agrees that the Company/Client shall be the sole judge as to whether the Contractor is in default in due and faithful performance of its obligations during the Construction Period

under the Agreement and its decision that the Contractor is in default shall be final, and binding on the Bank, notwithstanding any differences between the Client / Company and the Contractor, or any dispute between them pending before any court, tribunal, arbitrators or any other authority or body, or by the discharge of the Contractor for any reason whatsoever.

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3. In order to give effect to this Guarantee, the Client / Company shall be entitled to act as if the Bank were the principal debtor and any change in the constitution of the Contractor and/or the Bank, whether by their absorption with any other body or corporation or otherwise, shall not in any way or manner affect the liability or obligation of the Bank under this Guarantee.

4. It shall not be necessary, and the Bank hereby waives any necessity, for the Client / Company to proceed against the Contractor before presenting to the Bank its demand under this Guarantee.

5. The Client / Company shall have the liberty, without affecting in any manner the liability of the Bank under this Guarantee, to vary at any time, the terms and conditions of the Agreement or to extend the time or period for the compliance with, fulfilment and/ or performance of all or any of the obligations of the Contractor contained in the Agreement or to postpone for any time, and from time to time, any of the rights and powers exercisable by the Client / Company against the Contractor, and either to enforce or forbear from enforcing any of the terms and conditions contained in the Agreement and/or the securities available to the Client / Company, and the Bank shall not be released from its liability and obligation under these presents by any exercise by the Client / Company of the liberty with reference to the matters aforesaid or by reason of time being given to the Contractor or any other forbearance, indulgence, act or omission on the part of the Client / Company or of any other matter or thing whatsoever which under any law relating to sureties and guarantors would but for this provision have the effect of releasing the Bank from its liability and obligation under this Guarantee and the Bank hereby waives all of its rights under any such law.

6. This Guarantee is in addition to and not in substitution of any other guarantee or security now or which may hereafter be held by the Client / Company in respect of or relating to the Agreement or for the fulfilment, compliance and/or performance of all or any of the obligations of the Contractor under the Agreement.

7. Notwithstanding anything contained hereinbefore, the liability of the Bank under this Guarantee is restricted to the Guarantee Amount and this Guarantee will remain in force until the Agreement Period and unless a demand or claim in writing is made by the Client / Company on the Bank under this Guarantee, no later than 6 (six) months from the date of expiry of this Guarantee, all rights of the Client / Company under this Guarantee shall be forfeited and the Bank shall be relieved from its liabilities hereunder.

8. The Bank undertakes not to revoke this Guarantee during its currency, except with the previous express consent of the Client / Company in writing, and declares and warrants that it has the power to issue this Guarantee and the undersigned has full powers to do so on behalf of the Bank.

9. Any notice by way of request, demand or otherwise hereunder may be sent by post addressed to the Bank at its above referred Branch, which shall be deemed to have been duly authorised to receive such notice and to effect payment thereof forthwith, and if sent by post it shall be deemed to have been given at the time when it ought to have been delivered in due course of post and in proving such notice, when given by post, it shall be sufficient to prove that the envelope containing the notice was posted and a certificate signed by an officer of the Client / Company that the envelope was so posted shall be conclusive.

10. This Guarantee shall come into force with immediate effect and shall remain in force and effect for a period of one year and six months or until it is released earlier by the Client / Company pursuant to the provisions of the Agreement.

11. This guarantee shall also be operatable at our _____ branch at Mumbai, from whom, confirmation regarding the issue of this guarantee or extension/ renewal thereof shall be made available on demand. In the contingency of this guarantee being invoked and payment hereunder claimed, the said branch shall accept such invitation letter and make payment of amounts so demanded under the said invocation.

Signed and sealed this ……. day of …….., 20…… at ……..

SIGNED, SEALED AND DELIVERED
For and on behalf of
the BANK by:

(Signature)
(Name)
(Designation)
(Code Number)
(Address)

NOTES:

i. The bank guarantee should contain the name, designation and code number of the officer(s) signing the guarantee.

ii. The address, telephone number and other details of the Head Office of the Bank as well as of issuing Branch should be mentioned on the covering letter of issuing Branch.