

No. MMRC/TP-10/Quo/Utility/2024

Date: 04.06.2024

SHORT QUOTATION NOTICE

The Director (Planning, Real Estate Dev./NFBR invites sealed quotations on the letterhead for the mentioned consultancy work from the registered Agencies who have carried out similar type of work:

1.	Name of Work	: Appointment of Agency for undertaking Underground Utility Survey for Metro Line 11 revised alignment (Wadala to SPM Circle)
2.	Scope of Work	: Underground Utility Survey (Approx. 18 km alignment): A. Carrying out underground utility survey by Ground Penetration Radar (GPR) and preparation of plans (maps) and report of the entire <u>area/areas</u> indicated for assessing the existing underground utilities. B. The survey should include mapping of underground utilities, viz, RCC/metallic pipelines, sewer, gas, water, petroleum and chemical pipelines, HV and LV power cables, telecommunications ducts, telecommunications cables and any other buried/ surface plant or apparatus. C. Collecting information on obstacles from related organizations. In the information, the facility name, location, type of utility, utility size and collection of as as-built drawing. D. Preparation of survey drawings, survey sheets, reports, site photograph and other references, based on the Engineer-supplied survey-sheet Preparation of report. E. GPR systems that can reach up to the depth of 5meters and produce high resolution images. F. Depth of utility services shall be measured from surface and output images should mention depth of subsurface features from Surface. G. Result formats should be in Colour hardcopy. Measurements should be produce in excel sheets. Various subsurface features interpreted should be produce in hardcopy and softcopy. H. The contractor is required to submit a write-up of entire procedure including field observation, grid settings, device settings, parameters selection, formulas applied, post processing procedures, etc in about 3000 words in MS Word format. I. Assist MMRC in obtaining necessary data from BMC, Mumbai Port Authority, BPCL, HPCL, Railway, etc. J. After completion of field survey, the report preparation is done which includes the following points. 1. Evaluation of the survey results

Office Address : MMRC Transit Office Building, 'A' Wing, 'E' Block, North Side of City Park, Behind Income Tax Office, Bandra Kurla Complex, Bandra East, Mumbai - 400 051.

T +91 22 2638 4602 **F** +91 22 2659 2005 **E** mumbaimetro3@mmrcl.com **www.mmrcl.com**

CIN U60100MH2008SGC181770

			<p>2. Drawing of Surveys (Plan drawings of Obstacles location with having coordinates, Typical cross-section drawing only for main and complicated structures, etc., in AutoCAD format)</p> <p>3. Reports including Survey sheet, Site photograph, etc.</p> <p>4. Reference data (As-built drawings, other references, etc.)</p>
3.	Duration of Work	:	1 Month
4.	Eligibility	:	a. Agency should have undertaken Underground Utility Survey of approx. 10km length/ 1.0 Sq. Km area
5.	Date of Receipt of sealed Quotation	:	11.06.2024 upto 16:00hrs.
6.	Time and date of opening of sealed quotations	:	11.06.2024 after 16:01hrs.

Note:

1. Before submitting quotations, the consultant is requested to inspect the site conditions by themselves
2. Before submitting quotations, the consultant is requested to inspect the alignment of by visiting the following address: MMRCL, 801-803, 8th Floor, Hallmark Business Plaza, Near Gurunanak Hospital, Kalanagar, Bandra (East), Mumbai- 400 051
3. The selected quotation will be issued work order from MMRCL
4. The sealed quotations should reach this office on or before 11.06.2024 upto 16:00hrs.
5. The above quotation rates will be valid for Six Months from the date of receipt mentioned above
6. Detailed Scope of Work for Underground Utility Survey, format for Form A and Form B can be obtained from MMRCL's official website and Office of Deputy General Manager (Town Planning), MMRCL, 801-803, 8th Floor, Hallmark Business Plaza, Near Gurunanak Hospital, Kalanagar, Bandra (East), Mumbai- 400 051
7. The Consultant should quote the rates inclusive of all taxes
8. The Consultant should drop the sealed envelope in tender box at MMRCL Transit office, E Block, Bandra Kurla Complex, Bandra East, Mumbai, Maharashtra- 400 051
9. MMRCL reserves the authority to reject any or all quotations received without assigning any reason.

Address for Submission of Sealed Envelops:

MMRC, Transit Office 'E'-Block,
North side of City Park,
Behind Income Tax Office 'A' Wing Bandra (E) BKC,
Mumbai - 400051.
Maharashtra



-Sd-

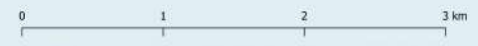
Director (Planning)



Revised alignment of Mumbai Metro Line 11

LEGEND

-  MML 11 Revised Alignment
-  Proposed Depot Land



Terms of Reference

Subject- Appointment of Agency for undertaking Underground Utility Survey for Metro Line 11 revised alignment (Wadala to SPM Circle)

A. Scope Of Work: Underground Utility Survey

- A. Carrying out underground utility survey by Ground Penetration Radar (GPR) and preparation of plans (maps) and report of the entire area/areas indicated for assessing the existing underground utilities.
- B. The survey should include mapping of underground utilities, viz, RCC/metallic pipelines, sewer, gas, water, petroleum and chemical pipelines, HV and LV power cables, telecommunications ducts, telecommunications cables and any other buried/ surface plant or apparatus.
- C. Collecting information on obstacles from related organizations. In the information, the facility name, location, type of utility, utility size and collection of as as-built drawing.
- D. Preparation of survey drawings, survey sheets, reports, site photograph and other references, based on the Engineer-supplied survey-sheet Preparation of report.
- E. GPR systems that can reach up to the depth of 5meters and produce high resolution images.
- F. Depth of utility services shall be measured from surface and output images should mention depth of subsurface features from Surface.
- G. Result formats should be in Colour hardcopy. Measurements should be produce in excel sheets. Various subsurface features interpreted should be produce in hardcopy and softcopy.
- H. The contractor is required to submit a write-up of entire procedure including field observation, grid settings, device settings, parameters selection, formulas applied, post processing procedures, etc in about 3000 words in MS Word format.
- I. Assist MMRC in obtaining necessary data from BMC, Mumbai Port Authority, BPCL, HPCL, Railway, etc.
- J. After completion of field survey, the report preparation is done which includes the following points:
 1. Evaluation of the survey results
 2. Drawing of Surveys (Plan drawings of Obstacles location with having coordinates, Typical cross-section drawing only for main and complicated structures, etc., in AutoCAD format)
 3. Reports including Survey sheet, Site photograph, etc.
 4. Reference data (As-built drawings, other references, etc.)

B. Duration of Work: 2 months

C. Payment Schedule:

Sr. No	Action	% Fees	Cumulative Time limit from Appointment days
1	On submission of inception Report, mobilization & project timeline	15%	7
2	On submission of Draft Underground Utility Survey report and drawings (Hardcopy & softcopy)	35%	15
4	On submission of Final Underground Utility Survey report and drawings (Hardcopy & softcopy)	30%	25
5	Compilation of all survey data and Submission of Final Survey report and drawing (Hardcopy & softcopy)	20%	30

FORM A

TECHNICAL PROPOSAL SUBMISSION FORM **(To be submitted in Separate Sealed Envelope with Annexures)**

Check list of Documents

Please compile and enclose the following Documents as part of Form A TECHNICAL PROPOSAL-FORM A	i) Covering letter	Yes/ No
	ii) List and Copy of Work Orders (with Client Certificates) for qualification of the Eligibility mentioned in the Notice (Annexure I)	Yes/ No
	iii) Undertaking that the firm/Institution is not blacklisted by any Government or its agencies including Central/ state level Public Enterprises	Yes/ No
	iv) Undertaking regarding Non-Disclosure/sharing of confidential information with third parties.	Yes/ No
	v) Certificate of incorporation, PAN Number, GSTIN details & MSME Registration details (if any)- (Annexure II)	Yes/ No
	vi) Letter declaring offer to be unconditional, confirming its validity for 180 days.	Yes/ No
	vii) Litigation history (Annexure III)	Yes/ No
	viii) Copy of valid Partnership deed/ MOU, if any	Yes/ No
	ix) Authority letter clearly mentioning details of authorized representative	Yes/ No
	x) Description in brief about Organization	Yes/ No

Note: Submission of Financial Proposal documents (Form B) in the Technical proposal (Form A) would lead to disqualification of the bidder.

LIST OF ELIGIBLE WORKS

(Eligible works as mentioned in the Notice)

S. No.	Name of Work and Location	Owner or Sponsoring Organization	Cost of Work (In Lakhs)	Length/ Area of Survey (in Km/ Sq.km)	Type of Survey Undertaken	Date of commencement as per work order	Completion date (as per Contract)

Note*- Client Certificate to be provided

Seal and signature of bidder

FORM A: Annexure-II

Please enclose following documents as per availability:

1. Certificate of Incorporation
2. PAN Card Copy
3. GSTIN Details
4. MSME Registration details

Litigation History

Sr. No	Case Particulars	Date of Filing	Case Outcome / Present Status

FORM B**FINANCIAL PROPOSAL SUBMISSION FORM****(To be submitted in Separate Sealed Envelope)**

FROM: _____

M/s. Consultancy services

To,
The Director (Planning),
Mumbai Metro Rail Corporation,
202, 2nd Floor, Hallmark Business Plaza,
Opp. Gurunanak Hospital,
Sant Dnyaneshwar Marg,
Bandra (E),
Mumbai – 400 051.

SUB: Appointment of Agency for undertaking Underground Utility Survey for Revised Alignment of Mumbai Metro Line 11 (Wadala to SPM Circle)

Dear Sir/ Madam,

We, the undersigned, offer to provide the services for the above subject work in accordance with Tender provisions at and our financial offer and fees inclusive of all taxes and **applicable rate of GST** for this work shall be as follows:

S. No	Name of Work	Time limit for Consultancy	Lumpsum Fees (Rs)
1	Appointment of Agency for undertaking Underground Utility Survey for Revised Alignment of Mumbai Metro Line 11 (Wadala to SPM Circle)	1 Months	
2		GST (@ _____%)	
3	TOTAL In figures: - In Words: -		

(Consultant to mention the applicable GST % separately)

(Total fees will include services as mentioned in Scope of Work of the Notice. Our Financial proposal shall be binding upon us.)

We remain,

Yours sincerely,

M/s. Consultancy services