



DIMTS/ENGG/DGM-P/RK/WO/4646

We help people move

Dated : 29.11.2021

To,

PS Engineering Services,

Head Office: Plot No. 104-A,

Kh. No. 48/12, Ground Floor Dheeraj Vihar,

Village Karala, Landmark New Delhi-110081

Mob.: +91-9891917173, 8750367173

E-mail: ssurveypoint@gmail.com

Sub:- Providing Consultancy services for preparation of comprehensive plan & design of drainage system to dewater the entire area in & around Cluster Bus Depot at Rani Khera, Delhi.

Ref.:-

- (i) Your offer vide letter even dated 27.11.2021 received through email,
- (ii) Email dated 27.11.2021 at 09.19 PM by Sh. Virender Sharma, Sr. Manager-P, DIMTS.

WORK ORDER

With reference to your above referred quotation and subsequent email of Sh. Virender Sharma, Sr. Manager-P, DIMTS, we are pleased to place work order for providing a Consultancy services for preparation of comprehensive plan & design of drainage system to dewater the entire area in & around Cluster Bus Depot at Rani Khera, Delhi, as per the below mentioned Bill of quantities, Scope of work and terms & conditions:-

S. No.	Description	Qty	Unit	Rate	Amount (Rs.)
1	Mobilization & Demobilization of manpower and equipment from store to Rani Khera Bus depot area.	L.S.	1 Job	10,000/-	10,000/-
2	Topographical Survey using total station/DGPS by picking all salient features like road, building/boundary line, road levels and levels of nearby nallah/drain for adequacy analysis for disposal of storm water and surrounding areas of Rani Khera Bus Depot.	L.S.	1 Job	40,000/-	40,000/-
3	Collection of all relevant data such as rainfall data, discharge data of receiving drain from concerned department(s)	L.S.	1 Job	5,000/-	5,000/-
4	Preparation of Hydraulic design for drainage system in Rani Khera Bus Depot area and surroundings	L.S.	1 Job	60,000/-	60,000/-
5	Preparation of cost estimate and detailing including submission of drawings in AutoCAD & feasibility study report (in soft & hard – 3 nos. copies).	L.S.	1 Job	5,000/-	5,000/-
Total Amount [excluding GST] =					1,20,000/-

GST shall be reimbursed as per prevailing Govt. norms on submission of proof of payment.

DELHI INTEGRATED MULTI-MODAL TRANSIT SYSTEM LTD.

(A joint venture of the Govt. of NCT of Delhi and IDFC Foundation)

An ISO 9001:2015, ISO 14001:2015, OHSAS 18001:2007 & ISO 27001 certified and CMMI appraised company

CIN No. U60232DL2006PLC148406

REGD. OFF.: 8th FLOOR, BLOCK 1, DELHI TECHNOLOGY PARK, SHASTRI PARK, DELHI-110053 (INDIA)
Page 1 of 6 Tel: +91 11 43090100 • Fax: +91 11 22170936 • Email : info@dimts.in • Web: www.dimts.in



1. Scope of work

The scope of work is attached as **Annexure 'A'** for Topographical Survey in Rani Khara Bus Depot area and surrounding, Delhi.

2. Completion Period

Work shall be commenced on the date of issue of work order and shall be completed within next 6 days, from the date of commencement of work. In view of exigencies of the work, it is essential that you will strictly adhere to the time schedule.

3. Payment

Payment shall be released as per below mentioned:-

S. No.	Stage	% age	Remarks, if any
1.	On submission of Topographical Survey drawings & data	15%	
2.	On submission of draft feasibility study report	45%	
3.	On submission of final feasibility study report	25%	
4.	On final approval	15%	

GST shall be paid extra as applicable. Standard deductions will as per Company rules/ Govt. norms.

4. Liquidated Damages

In case there is any delay in completion of the subject work on your part, liquidated damages @1.5% of value of entire work as stipulated, per day of delay shall be levied, subject to a maximum limit of 10% of value of entire work as stipulated in the work order.

5. Others

- DIMTS is an ISO certified company and all norms required under same shall be followed for which no extra cost shall be paid.
- Joint Venture/ Consortium not permitted.
- All arrangement to carry out the work shall be made by the **PS Engineering Services** including men, machine and material.
- You shall not sub-contract or assign any part or whole of your obligations under this work order to any third party without the prior express written permission of Engineer-in-Charge.
- Responsibilities with respect to labour payments & payments to staff etc., shall vest with **PS Engineering Services**. You shall be obliged to make timely payment to its staff & labour.
- In case of any damages to property, infrastructure and any other service line etc., **PS Engineering Services** shall be obliged to make good the damages to its original condition. Also, the PS Engineering Services shall duly settle/bear any claims of compensation on those accounts.



- g) All safety and security guidelines as in vogue shall be followed. Adequate measures shall be adopted to meet health and safety standards of your employees/workmen by providing safety gear as applicable and necessary for the purposes of this Contract.
- h) You shall ensure that there shall be no violation of any statutory provisions on your part and that you are legally compliant with all the provisions of labour and other laws & shall further ensure that the labour and other licenses are renewed and kept valid throughout the currency of this contract. DIMTS shall not be responsible for any liability arising there from on any account whatsoever.
- i) You shall get yourself registered with labour and other concerned department(s) as required under law. Any non-compliance in this regard shall be your responsibility.
- j) You shall indemnify DIMTS and shall at all times keep DIMTS indemnified against all the liabilities, claims, losses, thefts, accident claims, damages arising out of the acts of omission or commission of your employees/workmen etc. Any damage or loss etc. caused by your personnel/workmen in whatever form would be recovered from you.
- k) You shall indemnify and hold harmless DIMTS for any loss whether of property, person or otherwise suffered by your staff/workmen or any accident, injury/death of your personnel or of any third person during the course of their duty. You shall further indemnify DIMTS against any accident, death, loss of property, damages suffered/caused, injury caused or suffered, or any other claim/s, suit/s or any legal proceedings initiated by any person arising out of or in relation to the works envisaged under this order, howsoever remote, which shall be your sole and exclusive responsibility and, therefore, be borne/ defended by you.
- l) In case of death of or injury to any of your staff/workmen during the performance of duty or otherwise, you shall be solely responsible under Workmen Compensation Act and/or any other statute as may be applicable and shall continue to be solely responsible and liable there under. Any compensation under the Workmen Compensation Act or any amendment thereof or any liability arising under any other law, whether existing or future/subsequent legislation, shall be your sole responsibility and DIMTS shall not, in any manner, howsoever remote, have absolutely anything to do with any such statutory and/or other liability. However, under the extreme circumstance of any such claim resulting in money being paid by DIMTS, the same shall be recovered, either by deduction from your due payment or recourse to any other remedy as may be available to DIMTS under law for such recovery.
- m) All taxes and duties which may be levied on this contract shall be paid and borne by you and you shall comply with all the prevailing labour laws, rules and regulations including PF, ESI, Insurance Policy as applicable and as may be specified by the Government of India.
- n) You shall obtain all necessary insurance cover in respect of your employees/workmen, material and equipment, including the cover in relation to the accidents, personal injury, damages to third parties in case of accidental death/ bodily injury, loss or damage to property and maintain such insurance policies from time to time, which shall be kept valid throughout the Contract period and furnish copies thereof to DIMTS, as & when required.
- o) All the reports and drawings shall be prepared and submitted in the DIMTS template. The template and legend library shall be provided by DIMTS.



6. Termination

DIMTS may at any time and for any reason terminate this order at DIMTS discretion and convenience & upon receipt of such notice, you shall, unless the notice otherwise directs, immediately discontinue the work in connection with performance of this order. Upon such termination, you shall be entitled for payment for the work executed up to date only, subject to deductions if any, in conformity with this work order.

7. Dispute Resolution

All disputes relating to this work order or on any issue whether arising during the progress of the work or after the completion or abandonment thereof or any matter directly or indirectly connected with the work shall in the first place be referred to a sole conciliator appointed / nominated by MD & CEO, DIMTS on receipt of such request from either party. The arbitration proceedings shall be governed by Indian Arbitration and Conciliation Act.

8. Jurisdiction of Courts

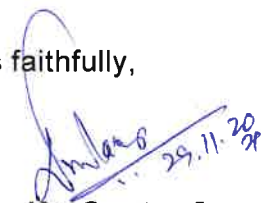
The courts at Delhi/New Delhi shall have the exclusive jurisdiction to try all disputes, if any, arising out of this work between the parties.

This work order is sent herewith to you in duplicate. You should return one copy of it duly signed & stamped by you on all pages indicating "**Unconditional Acceptance**" thereof to the undersigned immediately.

You are requested to contact Mr. Virender Sharma, Sr. Manager-Projects, DIMTS for execution of work and further necessary action in this matter.



Yours faithfully,


[Devendra Kr. Gautam]
Dy. General Manager [Projects]
For & on behalf of DIMTS

Scope of Work for Topographical Survey

Topographic survey

Scope of Services of Topographic survey shall include but not limit to:

Topographic survey of the complete Rani Khera Bus Depot area and surrounding, Delhi including roads, building/boundary line, road levels and levels of nearby nallah/drain for adequacy analysis for disposal of storm water etc.

The detailed scope of work shall be as follows:-

Roads & Pavement-

1. Width of carriageway, footpaths, central verge, drains. Where there is a sudden Change in width of road, physical measurement shall be marked on the drawings.
2. Road/ lane name, location and width of all the approach roads.
3. Storm water drains, open drains, Nallahs, with bed levels, HFL and manhole details.
4. Details of structures (type, size, span, location etc.)
5. Retaining structures, if any.
6. Land use along the road (e.g., commercial, residential, institutional etc.)

Buildings and Structures-

1. Dimensions and Details of built-up areas including setbacks from building Line/boundary wall, with Ownership such as private or government and usage i.e. residential or commercial etc. within survey limits.
2. Type of building, such as temporary, permanent including number of storey and basement details.
3. Details of religious structures such as Temple, Gurudwara, Mosque, Church Monuments, tombs etc if any.
4. Details of land along the route and their uses such as residential, commercial religious, parks, green areas, vacant lands etc.
5. Name of all the adjacent colonies.

Utilities-

1. Utility services such as electric lines, telephone lines, H.T/ L.T. lines, water supply/sewage disposal lines, Gas pipe lines etc.
2. Vertical clearances to power line or telephone / telegraph lines at road crossings, if any.
3. Traffic signals, light posts, bus stops, Junction boxes (telephone and power), fire and water hydrants (firefighting and others), transformers, telephone posts etc.
4. Any other structure or details which may be relevant.

Trees-

Location of trees with girth more than 15 cm (measured at 1 m height from ground level) in separate AutoCAD layer. A 'Tree Marking List' showing location, type, species, condition, girth, diameter and reference number of trees shall be made. The trees at site to be numbered and marked with paint.

Precise Levelling of Control Points-



1. Reduced Levels of all traverse stations shall be taken by Double territory method.
2. Levelling shall be started from a GTS Benchmark and closed at the same point after carrying out levelling of traverse stations.
3. All control points / TBMs shall be staked at ground with RCC pillars/brickwork column, of standard size.
4. Traverse (Close) will be done by Total Station having by angular measurement accuracy of ± 1 SEC. The instrument shall be calibrated at start of work.
5. The TBM / TS will be painted with golden yellow (Colour) paint and numbered with Red (Colour) paint.

Profile Levelling-

The work involves carrying out/recording:

1. Reduced levels at every important location e.g., road intersections, Nallah bed level, bridge level, rail level etc.
2. Height of buildings falling on the alignment / premises.
3. Spot/Ground levels at 10 meter intervals in longitudinal as well as transverse direction (with grid and duly marked on the drawing).
4. Cross section of the existing structures or change in features.
5. The RL & BM No. would be marked on the pillar with red paint.
6. Levels at important locations and the area where there major undulations of the ground.

Deliverables-

1. Soft copy of raw data/corrected data files of surveys (ASCII/MS-Excel) and Base Plan in CD.
2. The survey data shall be presented in the base plan in which all the features should be presented in separate layers in Auto cad. All string lines for example carriageway, shoulders, toe line, drains etc. should be joined as 3D poly line and the point features like Trees, Electric Poles etc. should be shown with suitable blocks.
3. A 2D presentable base plan (Auto cad drawing) for the plan preparation with all details of features.
4. List of all control pillars and TBMs with off-set and description.
5. Three set of hard copy (A2 size) of base plan drawing with validation remarks on 1:1000 scale along with feasibility study report.

