



Work Order

Ref: SIFL/BSCL-PMC/2019-20/10/07

Date: 25/10/2019

To
M/s P S Engineering Services,
RZ-210, Mangolpur Khurd,
Near Union Bank,
New Delhi-110085.
Mobile:

Sub: Work order for conducting Topographical Survey Work for 2 land parcels and 25 KM Road in Bareilly for Bareilly Smart City Limited-(i) Indoor Sports complex (at Bareilly stadium next to Badminton court) - 30,000 sq mt; (ii) Cattle Park (Parsakheda near DPS School, Rampur Road, Bareilly) -27570 sq mt; (iii) Road development of 25km within ABD of Bareilly

Dear Sir,

In response to our mail dated 14.10.2019 & 09.10.2019 and your quotation submitted vide letter dated 15/10/2019, this is to inform you that your quoted rate is accepted by our Competent Authority. The scope of work and other terms & conditions are given below:

1) Scope of Work:

- (i) Conducting Total station Digital Land and contour survey at locations **(i) Indoor Sports complex (at Bareilly stadium next to Badminton court) - 30,000 sq mt; (ii) Cattle Park (Parsakheda near DPS School, Rampur Road, Bareilly) -27570 sq mt** (location map for both land parcels are attached in **Annexure-1**) of open land and plotting spot levels at 5.0X 5.0M and plotting contours at 0.05m interval indicating all permanent visible existing features such as boundary of plot, existing building, culverts , roads , water bodies , building/boundary wall, railway details with in the area, canal/Drains/nallah/tube well(only overhead) electrical lines/poles and telephone poles, trees(more than 30 cm girth) etc. within the area measuring all internal angles and sides, levels.

Srei Infrastructure Finance Limited

CIN:L29219WB1985PLC055352

D.2, Southern Park, Saket Place, Saket, New delhi.110017

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- (ii) Carrying out topographical survey and preparation of survey drawing for the entire length of **road network of 25 KM within ABD area** comprising of Right of Way (location map enclosed in **Annexure-2**) by installation of DGPS points at appropriate locations to ensure the accuracy of topographic survey which includes capturing of all the existing infrastructures including natural and manmade features like building lines/property boundary, encroachments, roads edges, road centre, bridges, culverts, storm water drains/waste water lines, electric lines (showing HT, LT, HT tower line, electric poles/towers with base, transformers, telephone poles/lines/ towers, all water bodies, location of trees, plantations, railway track/crossing, buildings/structures within the ROW of road including outside extent.
- (iii) Above survey shall also include the information like road width, drain width, manhole location etc. throughout the road length. And road top level, drain top level, IL of drain at certain minimum interval of road length. All the data to be provided in survey drawing.
- (iv) Longitudinal section and cross section of roads and drains with elevation levels at certain intervals also to be provided in survey drawing.
- (v) Carrying out bench mark (GTS / any other reference bench mark approved by the engineer-in-charge) to site/sites under survey by parallel levelling, establishing and constructing bench mark, grid and reference pillars in the field.
- (vi) Location of approach roads, main roads, lanes etc. showing road / lane name, carriageway, footpaths, central verge, drains and the widths of all the main and approach roads and at locations where there is a sudden change in widths of roads shall be measured physically and marked on the drawings.
- (vii) L-section at the interval of 25 m.
- (viii) X-section at the interval of 50 m on both sides upto building boundary and at every location wherever variation in road width.
- (ix) Preparation and submission of survey drawing on CAD & supplying the same in soft and hard copy.

2) GENERAL INSTRUCTIONS

- i) All the Survey work (barring levelling work) shall be carried out using Total Stations of two second accuracy.
- ii) Survey Co-ordinates should be on Global Position system (GPS)

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- iii) The consultant should possess all required equipments / instruments & facilities with them in adequate quantity to complete the work.
 - iv) All control points must be located in consultation with the Engineer-in-charge.
 - v) The legends for surveying and preparation of plans shall conform to the Survey of India and as per the list supplied by the SIFL.
 - vi) All field books, note books, CDs, drawings and other documents containing field data gathered during traverse survey shall be handed over to SIFL, and consultant shall have no claim or use whatsoever. The consultant shall not reproduce any data collected from the work in any form.
 - vii) The quoted rates shall be inclusive of all the cost of labours, materials, equipments, liasioning for site identification/demarcation, preparation of drawings and reports etc. and any other charges whatsoever shall not be entertained in any circumstances.
 - viii) The Engineer-in charge or his representative will be visiting site and the engineers engaged in work shall extend cooperation and explain methodology adopted and satisfy them for accuracy of work.
 - ix) The equipment used shall be accessible to the Engineer in charge or his representative for inspection to ensure their suitability for the job.
 - x) The permissible variation in the quantity as given in the table in BOQ will be up to $\pm 15\%$.
 - xi) In case of any discrepancies in consultant submissions observed even at a later date say construction period, consultant shall correct those discrepancies at no additional fees.
- 3) **Professional fee payable and project timelines:** Details of land parcel and Road along with your quoted rates for each land parcel and Road

Sr No	Details of Project/Work	Tentative land area/Length	Rates/Professional fee payable
1.	Indoor Sports Complex	30,000 sq. mt.	Rs.23700/- + GST Extra
2.	Cattle Park	27,570 sq. mt.	Rs.21780/- + GST Extra
3.	25 km Road Development work within ABD	25 KM	Rs.2,50,000/- + GST Extra
		Total	Rs.2,95,480/- + GST Extra

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Total Amount in Words: Rupees Two lakhs Ninety Five Thousand Four Hundred & Eighty only.

Total professional fee payable for the two aforementioned land parcels and 25 KM Road is Rs 2,95,480/- only. However, GST shall be paid over and above the professional fee quoted for each/all 2 land parcels and 25 KM Roads.

Payment Terms:

Sl No	Project/Work	Payment milestone
1	Indoor Sports Complex	50% of contract price will be released on submission of survey drawing and report. Balance 50% payment will be released on approval/acceptance of the drawing and report by Employer.
2	Cattle Park	50% of contract price will be released on submission of survey drawing and report. Balance 50% payment will be released on approval/acceptance of the drawing and report by Employer.
3	25 km Road Development work within ABD	50% of contract price will be released on submission of survey drawing and report. Balance 50% payment will be released on approval/acceptance of the drawing and report by Employer. Note: As the entire survey work comprises of road length of 25 km within ABD area, the entire stretch of road length is divided into 5 packages of 5 km each. Accordingly subsequent to completion of each package of 5 km survey works, payment for each package will be released on pro-rata basis as per the terms of payment for the same. i.e. 50% of contract price will be released on submission of survey drawing and report for the respective package. Balance 50% payment will be released on approval/acceptance of the drawing and report by Employer for the respective package.

Note: Payment will be released according to the actual / executed total area of land parcels and /or number of land parcels to be surveyed as certified by the Employer's Engineer. In case of any decrease/increase of land area / number of land parcels/length of the road stretch, payment

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shall be made on pro-rata basis for each land parcel and road length covered under each package.

Completion Time period: Entire scope of work for the 2 land parcels and 25 KM road shall be completed within 15 (fifteen) days as reckoned from the date of issuance of work order.

- 4) Other conditions: Water, Electricity, Labour tent etc. and also Way-Bill, if required, all will be arranged by the Contractor.

Thanks & Regards
Yours truly

Neeraj Singh
AVP, Infrastructure Advisory Division
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