



रेल विकास निगम लिमिटेड
Rail Vikas Nigam Limited
(A Government of India Enterprise)

Mezzanine Floor, Tirumailai Railway Station, Mylapore, Chennai - 600 004.
Phone & Fax. 044 -24618460 Rly.21009

No. RVNL/ED/P/MAS/WO/43/VI/2017-18

Date: 24.06.2017

To,

M/s GEOMATIQUES Aero Technologies Pvt .Ltd.,

Plot No.11, SBI first Colony,

3rd Street, behind preetham plaza,

Bypass road, Madurai – 625010

Sir,

Sub: Rail connectivity to Vizhinjam Port from Balaramapuram station – Conducting
Drone survey – **Workorder** – Reg

Ref: Your offer opened on 24.06.2017

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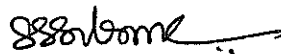
S.no	Description of Work	Unit	Qty	Rate	Amount
1	Carrying out DGPS (Differential Global Positioning System) all along the proposed alignment by fixing DGPS point on permanent structures at 5km interval and marking the DGPS location on the ground prominently with painting. It includes observation of raw data by using dual frequency GPS, with Post Processing method and submission of data in WGS84/ITRF 2008 datum.	1 No.	3	5000	15000
2	Carrying out Drone survey to capture the ground details along the new allignment on an average width of 100m on either side and as required including capturing of locations such as level crossing, Major bridges, River, streams, Etc.. Complete using Unmanned aerial vehicle by auto pilot system flying at average height 50 to 75m above GL with a resolution of 2.5 GSD	Km	14	11500	161000

S.no	Description of Work	Unit	Qty	Rate	Amount
3	Feature extraction from stereo image obtained from drone survey such as Building, Road, Rail Road, bridges, subways, hydro feature, cutting line and Breaklines, etc., with a Contour interval of 1m in the proposed alignment area including generation of ortho photo images, mosacing and delivering combined digital images. Cross section interval at every 100m along the allignment as per railway standards and as directed by the engineer in charge Submission of Working plan and Working section and Cross section in 6 sets in the standard scale features.	Km	14	17500	245000
	Total				4,21,000/-

Rupees Four Lakhs and Twenty One Thousand Only

Terms & Conditions:

1. The rate shall include all taxes except service tax. Service tax will be reimbursed on satisfactory production of the document.
2. The work shall be completed within 1 month from the date of issue of work order.


(S.Sivasubramanian)
Manager/RVNL