

Our Ref: SGS(J).23Q043

Date : 27<sup>th</sup> July 2023

Angkasa Consulting Services Sdn Bhd,  
No.49 Jalan USJ 10/1A UEP Subang Jaya,  
47620 Subang Jaya Selangor Darul Ehsan.  
Attn to: Muhammad Imran

**BY SOFTCOPY**

Dear Sir,

**QUOTATION FOR ENGINEERING SURVEY WORKS FOR CADANGAN PEMASANGAN PAIP AGIHAN DAN TANGKI PENGIMBANG BARU DARI LOJI RAWATAN AIR LAYANG 2 KE JOHOR BAHRU.**

With reference to the above and email on 24<sup>th</sup> July 2023, herewith the quotation for your kind consideration and approval.

**SCOPE OF WORK**

- i. **Strip/Topographic Survey:** A strip/topographic survey shall be carried out by using appropriate method to pick up all the necessary visible salient features existing within the project area. Spatial details such as road, building, fence and others will be recorded. For this project, strip/topographic survey will be carried out along the propose route approximate 6.8ha.
- ii. **Setting Out Pipeline:** A pipeline is set out in order to clearly define the outline of excavation route and centre line of the proposed pipeline according to approval design and structure. In this project, setting out will execute at proposed 50m interval along the proposed pipeline.
- iii. **Longitudinal Section:** The process of establishing the elevation sites on the ground at about certain interval along a continuous line. Profile levelling is one of the typical application in order to present levels and vertical distance measurement. In this project, proposed interval will be at 50m interval along the proposed pipeline.
- iv. **Temporary Benchmark (TBM) Establishment:** TBM is a temporary point with known coordinate and elevation value for future reference. This point will connect by closed network based on standard JUPEM procedure. In this project, there will be 5 numbers of TBM will be establish on site.
- v. **Cross Section Profile:** A graphic representation of the sections that are in a linear work, on cutting the axis of the project with vertical planes perpendicular to it and defining the trace in elevation. In this project, we assume to provide cross section profile with interval 35m for river crossing.
- vi. **Hydrographic Survey:** A measurement and description of features which affect maritime navigation, marine construction, dredging, waterways and related activities. In this project, the

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vii. **Implementation:** The duration required to complete the survey work shall be **6 weeks** upon received of the Letter of Appointment. However, this completion period will vary due to:

- Permit application period (if any). For this project, permit to work will be prepared by main contractor.
- Weather conditions (heavy rain/flood/storm)
- Additional or change of scope of work

ix. **Deliverables:** The submission will refer to BQ document.


xi. **Mode of Payment:** Full payment upon submission of final survey plans.

xii. **Validity:** This quotation valid for 90 days from the date stated on the quotation.

We believed that we have fully understood your requirements and needs and we look forward to present the proposed solutions and deliverable. Should you have any further queries with regards to the above, please do not hesitate to contact me for clarifications and discussions.

Best Regards,

**SETIA GEOSOLUTIONS SDN. BHD.**

  
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**SYAIFUL AMRI BIN AHMAD TARMIZI**  
**BUSINESS DEVELOPMENT EXECUTIVE**

*We hereby accept the above – mentioned proposal.  
Kindly proceed with the survey works.*

*Name:*

*Date:*

*Company Stamp:*

Note: Should you agreeable to the above-mentioned quotation, kindly counter sign on the above acceptance box and fax back to Setia Geosolutions Sdn Bhd to enable us to proceed with the necessary preparation.