

Provision of Bathymetric Survey for Perting Dam, Bentong, Pahang

Single Beam Echo-Sounder (SBES)

COMMERCIAL PROPOSAL - *Revision 1*

Prepared for: **SETIA GEOSOLUTIONS SDN BHD**
Suite L11-21, Tower 1, Wangsa 118,
No.8, Jalan Wangsa Delima,
Wangsa Maju, 53300,
Kuala Lumpur, Malaysia
T: +603 4144 2344
F: +603 4144 2644

Prepared by: **EGS (Malaysia) Sdn Bhd**
312-B, Lorong Kedah, Melawati Square,
Taman Melawati, 53100,
Kuala Lumpur, Malaysia
T: +603 4108 90101
F: +603 4108 9013
Web Site : egssurvey.com

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For all enquires please contact:

Mohd Faiz Mahmood

312-B, Lorong Kedah, Taman Melawati,

53100, Kuala Lumpur,

Malaysia

M: +6013 702 3936

T: +603 4108 9010

E: mohdfaiz@egssurvey.com.my

REVISION HISTORY

| Revision | Date | Status / Reason |
|----------|-----------|--|
| 0 | 10/4/2023 | In respond to Rohani email which includes TOR & BQ |
| 1 | 13/4/2023 | To exclude Tidal Monitoring work and to include USV as an option |

1. COMMERCIAL PROPOSAL - (Revision 1)

Option A) Normal SBES Survey

1 Pre Survey Activities

| | | | |
|--|----|----|-------------|
| i) Preparatory work including provision of visiting the Government Survey Department for procurement of necessary and relevant information & application for survey permit from Marine Department and/or other authority | - | - | Incl. below |
| ii) Mobilisation & Demobilisation of survey team, equipment and survey craft | LS | RM | 22,500 |
| iii) Tide gauge installation at the vicinity of the survey area and will be left during the survey | LS | RM | 4,500 |

2 Field Data Collection and Surveying

| | | | |
|---|----|----|--------|
| i) Bathymetry survey by using Single Beam Echo Sounder (SBES) with main sounding profile of 25m line interval | LS | RM | 16,600 |
|---|----|----|--------|

3 Data Processing and Reporting

| | | | |
|---|----|----|--------|
| i) SBES bathymetry survey: Data processing and reduction | LS | RM | 19,000 |
| ii) Issue a survey report the latest 14 days after demobilize | LS | RM | 2,500 |

| | | |
|-------------------------------|-----------|----------------------|
| Total - (Tax excluded) | RM | <u>65,100</u> |
|-------------------------------|-----------|----------------------|

Option B) SBES by using a USV

1 Pre Survey Activities

| | | | |
|--|----|----|-------------|
| i) Preparatory work including provision of visiting the Government Survey Department for procurement of necessary and relevant information & application for survey permit from Marine Department and/or other authority | - | - | Incl. below |
| ii) Mobilisation & Demobilisation of survey team, equipment and USV to site | LS | RM | 30,500 |
| iii) Tide gauge installation at the vicinity of the survey area and will be left during the survey | LS | RM | 4,500 |

2 Field Data Collection and Surveying

| | | | |
|---|----|----|--------|
| i) Bathymetry survey by using Single Beam Echo Sounder (SBES) with main sounding profile of 25m line interval | LS | RM | 20,600 |
|---|----|----|--------|

3 Data Processing and Reporting

| | | | |
|---|----|----|--------|
| i) SBES bathymetry survey: Data processing and reduction | LS | RM | 19,000 |
| ii) Issue a survey report the latest 14 days after demobilize | LS | RM | 2,500 |

| | | |
|-------------------------------|-----------|----------------------|
| Total - (Tax excluded) | RM | <u>77,100</u> |
|-------------------------------|-----------|----------------------|

Payment Milestones

| Milestone No. | Milestone | Remuneration % |
|---------------|------------------------------------|----------------|
| 1 | Advance Payment – Mobilisation Fee | 30 |
| 2 | On completion of field work | 40 |
| 3 | Submission of Preliminary Report | 20 |
| 4 | On submission of Final Report | 10 |

Note on payment: It is assumed that invoices to be settled within 30 days

Quotation Notes

- 1 If the survey areas are significantly different prior to the commencement of the survey then any increase or decrease in the quantity of survey work will be considered a Contract Variation.
- 2 All weather contingency included except named meteorological events
- 3 The datum that will be used for this survey will be determine upon contract award
- 4 The price is offered in Ringgit Malaysia (RM) and **not including tax.**
- 5 The above prices assume that the survey will be carried out in a logical and continuous sequence in accordance with the POW. Any break in the sequence of planned survey activity as a consequence of but not limited to; interference by fishing/military activities resulting in non-productive transits or delays in port, would be charged at the appropriate day rate.
- 6 This quotation assumes daylight hours operations.
- 7 Our quotation excludes compensation to fishermen and any EIA surveys.
- 8 Our offer excludes Liquidated Damages, Contract Bonds and Warranties.
- 9 Our Contract Liability in all events is subject to the maximum limit of the Contract Value and in no event will our liability exceed the contract Value.
- 10 Our quotation is **valid for 90 days**