

QUOTATION NO. JUA25/021/TS/BM

TOPOGRAPHICAL SURVEY BAGI PEMBINAAN SEBUAH KOMPLEKS BERSEPADU SEKOLAH RENDAH, MENENGAH DAN UGAMA DI RANCANGAN PERUMAHAN MENGKUBAU

1. TERMS AND CONDITIONS

- 1.1 Prior to the quotation, Licensed Land Surveyor shall visit the site where the Survey Works are to be carried out and shall also carefully examine the relevant Terms and Conditions of Contract, Drawings, Specifications, all other accompanying schedules, etc.

If there is any ambiguity in or discrepancy between any of the documents, the tenderer should refer the matter to the Contract Administrator (C.A.), PKD Section, Survey Department. The C. A's decision shall be final and binding upon the Contract.

Upon tendering, the tenderer shall be deemed to have examined the documents referred to above and shall be bound by the terms and conditions therein.

- 1.2 Every tenderer must submit together all documents listed below and this requirement shall be strictly adhered to prior to any consideration: -
- a) Valid Licensed To Practice as a Licensed Land Surveyor Certificate from the Survey Department, Ministry of Development.
 - b) Business Enactment Act Section 16 & 17.
 - c) The Tender Form **MUST** be signed by the Owner, or the Director of Shareholder(s) of the Company stating their post and stamped with the Company's Official seal as detailed in the Business Enactment Act Section 16 & 17 / or Licensed To Practice as a Licensed Land Surveyor Certificate from the Survey Department, Ministry of Development.
 - d) The address indicated must be detailed as in the Business Enactment Act Section 16 & 17 / and/or Tenderer's Registration Certificate from the Ministry of Development. Any changes to the above must be officially referred to the Registrar of Companies and Business Names and a copy must be submitted to this department.
- 1.3 Quotation shall remain valid for **12 MONTHS** from the final date of submission of the quotation and no tenderer may withdraw their quotation within that period. The Government reserves the right to extend this period if deemed necessary, provided that such extension of the tender validity period shall have the written consent of the tenderers.

- 1.4 All Licensed Land Surveyor are required submit your proposal work programme/methodolgy with S-Curve for this project
- 1.5 All Licensed Land Surveyor are required to state clearly and ensured the exact information in the quotation (or else void): -
- Title of the project
 - Name of the project
- 1.6 Safety of the Surveyor and the workers will be the responsibility of the Licensed Land Surveyor.
- 1.7 The Licensed Land Surveyor is required to liaise with Survey Department before starting of project, for exact location of the survey site and for further information.
- 1.8 The tender shall be made on the basis of the rates in the tender documents being firm and not subject to any adjustment with variations in quantities.
- 1.9 Alteration can be considered either through striking off or using correction pen and initialed BEFORE the submission of the tender document and / or closing date.
- 1.10 The tendered amount must be correct and consistent in the Contract Agreement both numerical and in words. Any discrepancy will render the tender to be invalid.
- 1.11 Non-compliance with the above terms and conditions in any respect may render the tender liable to be rejected.
- 1.12 All Licensed Land Surveyor are mandated to fill in the 'UKUR144 Borang Perbelanjaan Pengukuran JUA' form as an agreed form of Bill of Quantities and should not alter or change the amount stated in the form.
- 1.13 The Licensed Land Surveyor must fill the survey cost itemised form provided and the Licensed Land Surveyor shall not quote the whole survey work as "LUMP SUMP.
- 1.14 That I/We have not colluded with any other company (ies) or any other person or entity in submitting the Tender Proposal for the above-mentioned project. We understand that tender collusion is an offence under Section 11, Competition Order 2015 and can be liable to a financial penalty of maximum 10 percent or such other percentage of business turnover for each year of infringement for a period, up to a maximum of 3 years.

- 1.15 The completed quotation documents are to be sealed in an envelope, delivered at or before **2.00 PM** on **22/09/2025** to the Quotation Box provided at 4th Floor, Survey Department"

The sealed envelope must state the following in writing :-

Tender No. : **JUA25/021/TS/BM**

Tender Closing
Date :

Project Title : **TOPOGRAPHICAL SURVEY BAGI PEMBINAAN SEBUAH
KOMPLEKS BERSEPADU SEKOLAH RENDAH, MENENGAH
DAN UGAMA DI RANCANGAN PERUMAHAN MENKUBAU**

2. TIME OBLIGATIONS

- 2.1.1 The Survey Work **MUST** be completed in **4 Weeks**.
- 2.1.2 If not stated in this Contract, the Contract Administrator will inform the Licensed Land Surveyor when to start the survey work in writing.
- 2.1.3 The Licensed Land Surveyor must progress with the Survey Works in a regular and diligent manner.
- 2.1.4 The Superintending Officer can instruct the Licensed Land Surveyor to stop and restart at any time.
- 2.1.5 The Licensed Land Surveyor must finish all the Survey Works with the deadlines stated in this Contract or as instructed by the Superintending Officer.
- 2.1.6 If the Licensed Land Surveyor does not finish within any deadline, the Licensed Land Surveyor shall pay Penalty starting at 5 % (five percent) of the project price according to the week of late submission will be imposed and referred to the table in the letter **(Ruj: (01)dIm.SS/TOPO/G/40; Dated: 4 July 2020)**.
- 2.1.7 Extension of time for completion
For,
Due to unavoidable circumstances, the Licensed Land Surveyor is entitled for time extension provided with valid reason in written shall be forwarded to Surveyor General two weeks (2) before the contract expires. Any time extension forwarded less than the required time (two weeks) will not be entertained. The Surveyor General shall determine the amount of such extension and such additional payment the Surveyor General is not bound to consider any extra additional work or other special circumstances.

3. PAYMENT

- 3.1.1 The Licensed Land Surveyor are required to pay the service charge for the purpose of checking and work verification of 5% for Topographical Survey from the total amount to the Government.
- 3.1.2 The Licensed Land Surveyor shall not quote the 5% service charge stated in 3.1.1 in the Quotation / Tender
- 3.1.3 Final payment will be made to the Licensed Land Surveyor upon completion, checked by respective officers and will be verified by the Surveyor General
- 3.1.4 The Licensed Land Surveyor bearing on-going government projects having an outstanding balance shall be deducted from the total amount in the awarded JUA projects.

4. SPECIFICATIONS

Topographical Survey Bagi Pembinaan Sebuah Kompleks Bersepadu Sekolah Rendah, Menengah Dan Ugama Di Rancangan Perumahan Mengkubau with area approximately **8.6051 hectare** and must be completed in **4 weeks** (map attached).

4.1 Surveying Field Works

- 4.1.1 All survey works shall be carried out by a Registered Licensed Land Surveyor. The rate shall include all necessary provisions at site, including survey instruments, chainmen, consumable materials, and all other incidental requirements throughout the contract period, as specified herein.
- 4.1.2 Topographical surveys shall be conducted to determine elevations of, but not limited to, ground levels, existing amenities, and infrastructure. These surveys shall be carried out in accordance with the standards set by the Survey Department Ministry of Development.
- 4.1.3 The survey report for the staking of boundary markers shall include a witness diagram showing the coordinates of each point.
- 4.1.4 All observations and coordinate data shall be referenced to the **Geocentric Datum**, specifically the **Geocentric Rectified Skew Orthomorphic (GRSO)** coordinate system, as specified by the Survey Department.
- 4.1.5 All control point coordinates shall be
 - verified and certified by the Geodetic Section of the Survey Department prior to use in any subsequent survey works.
 - The main horizontal control shall achieve an accuracy of better than 1 in 10,000.
 - The control scheme adopted shall include sufficient interval connections.
 - The vertical (height) control shall achieve an accuracy of better than $100\sqrt{k}$ mm, where k is the distance in kilometers.
 - Control traverses shall be distributed evenly throughout the survey area to ensure comprehensive coverage and accuracy.
- 4.1.6 All angular and distance observations shall be clearly recorded in ink in standard Survey Department Field Books, or in any other printed form approved by the Surveyor General.

4.2 Preparation of Topographic Plans

- 4.2.1 Survey data shall be presented on topographic plans at a **suitable scale** appropriate to the area and level of detail required.
- 4.2.2 The Licensed Land Surveyor shall submit detailed drawings showing all existing structures. This shall be supplemented by a database or schedule listing all structures, buildings, or amenities, including information on their **location, type, size, and condition**.
- 4.2.3 The drawings shall show the location of all infrastructure, including but not limited to:
- Roads
 - Water lines
 - Sewer lines (including manholes)
 - Electrical and telecommunication lines
 - Overhead infrastructure such as electrical transmission lines or cables
- 4.2.4 The drawings shall indicate the locations of natural water features such as **streams, rivers, lakes**, and the **direction of water runoff flow**.
- 4.2.5 All affected **Cadastral Lots**, including **Temporary Occupation Licenses (TOLs)** and their corresponding lot numbers, must be clearly shown.
- 4.2.6 The drawings shall also include:
- “Simpang” (junction) numbers
 - Invert levels of existing drains, whether earth or concrete (to be indicated where not currently shown)
- 4.2.7 The Licensed Land Surveyor shall be responsible for obtaining the names of features and amenities shown on the plan.

4.3 DATA SUBMISSION

4.3.1 The Licensed Land Surveyor shall submit the final deliverables as follows:

- Four (4) hard copies of the survey plans:
 - Two (2) sets in A1 size
 - Two (2) set in A3 size, all printed in white print and bound in booklet form (if submitted in multiple pages)
- One (1) softcopy of the survey plan in CAD format (.dwg or .dxf), saved in a compact disc (CD) with proper labeling
- Original field book(s)
- Computation sheets and/or survey reports
- Digital data in both ArcINFO Version 2.7.0 and CAD 2014 or compatible (.dwg) formats, as required by the client

4.3.2 The drawings shall be supplied in the following formats and standards:

- AutoCAD format
- Shapefile and .dwg format
- Topography presented by coverage (organized in layers)
- Coverage must be cleaned and built for topological integrity
- Feature codes must follow the approved Data Dictionary
- All coverage layers must include complete attribute tables (refer to the Digital Data Description)
- Color schemes and patterns must adhere to the specified standard
- The parameter boundary of the surveyed area must be clearly shown

-END-