



To: Nusantara Technologies Sdn Bhd
 No.5 Jalan Anggerik Mokara
 31/45 Seksyen 31 Kota Kemuning
 40460 Shah Alam Selangor Darul Ehsan
 Tel: +603-5122 9766/767/768
 Fax: '+603-5122 8766/8767

Reference No. : CCCC 2019/00412
 Page : 1 of 1
 Revision : 0
 Date : 8/4/2019
 Payment Terms : C.I.A
 Delivery Terms : -
 Delivery Date : As soon as possible
 Currency : RM

Attn: MOHD DIAH BABA/SALINA SAIDIN

Item	Part Number/ Supplier Part Number	Description	Tax Code	Quantity	UOM	Unit Price (RM)	Amount (RM)
Your Quotation ref:MAT/Q/SS-1811-1712; dated 23 November 2018							
Mechanical Testing for Reinforcement Bar							
1		Tensile test					
	a.	T12		9	nos	120.00	1,080.00
	b.	T16		6	nos	145.00	870.00
2		Bend test					
	a.	T12		3	no	80.00	240.00
	b.	T16		2	no	85.00	170.00
3		Re-bend test					
	a.	T12		3	no	135.00	405.00
	b.	T16		2	no	145.00	290.00

REMARKS:

1 -

PROJECT:

PROJEK MASS RAPID TRANSIT LALUAN 2: SUNGAI BULOH-SERDANG-PUTRAJAYA (SSP)
 SYSTEM WORKS PACKAGE SSP-SY-204: ENGINEERING, PROCUREMENT, CONSTRUCTION, TESTING &
 COMMISSIONING OF TRACKWORKS, MAINTENANCE VEHICLES AND WORKS TRAIN

Total Exclude SST	3,055.00
0% SST	-
Total Include SST	3,055.00

Authorised by:

[Handwritten Signature]

China Communications Construction Company (M) Sdn Bhd



Acceptance by:

Nusantara Technologies Sdn Bhd



NUSANTARA TECHNOLOGIES SDN BHD (187753-D)

GST No: 000272629760
No. 5 Jalan Anggerik Mokara 31/45 Seksyen 31 Kota Kemuning
40460 Shah Alam Selangor Darul Ehsan.
Tel No.: 03-51229766 / 767 / 768 Fax No. : 03-51228766 / 8767
E-mail: info@nusatek.com
GST Reg: 000272629760

Our Ref. : MAT/Q/MD-1904-0551 Date : 09.04.2019
No. :
From : MOHD DIAH BABA / SALINA SAIDIN Tel No. : 6012 2727 878
To : **CCCC-GEORGE KENT JV** Fax No. :
Attention : **MS. LEE ONN** No. of : 1
Commercial Dept. Pages
SSP-SY-204 MRT 2 Trackworks, MV & WT sook-
onn.lee@cccc-gk.com

RE : **QUOTATION FOR MECHANICAL TEST**
PROJECT :

With reference to the above matter, we are pleased to quote as following;

Item	T1	T2	Unit	Qty	Rate	Amount (RM)
1.	Tensile Test	T12	nos	9	120	1080
2.	Tensile Test	T16	nos	6	145	870
3.	Bend Test	T12	nos	3	80	240
4.	Bend Test	T16	nos	2	85	170
5.	Re-bend test	T12	nos	3	135	405
6.	Re-bend test	T16	nos	2	145	290
					TOTAL	3,055

Important Note: *Kindly send your P.O. & payment before testing date.
Please include the quotation reference no. in your P.O. Thank you.*

Terms & Conditions

- Terms of Payment: 100% full payment upon purchase order.
Mode of payment :
 - o Cash or cheque or
 - o Credit Card (Visa /Master Card-for walk in customer only)
 - o Bank transfer Public Bank a/c No. **PIBB 3989877717.**
- Price Validity: For this job only.
- Full terms and conditions of quotation applied as per doc no. **MAT/Q/L/2019.**

FOR NUSANTARA TECHNOLOGIES SDN BHD


MOHD DIAH BABA
Operations Director

NDT & Metro Division Branch:
No. 9, Jalan Sungai Jerluh 32/196, Bukit Kemuning, Seksyen 32, 40460 Shah Alam, Selangor. Tel : 03-55251766 Fax:03-5525 2766
Kemaman Branch. : K-7206 Kawasan Perindustrian Jakar II 24000 Kemaman Terengganu Tel. : 09-8598529 Fax : 09-8593129

MECHANICAL TESTING CONSIGNMENT NOTE

From / Customer : CCCC-GEORGE KENT JV Date : 4-April-2019
 Tel. No. / Fax No. : +603 8060 8778 / +603 8061 9778 Quantity of Sample Sent : 20 NOS
 Project : SP-SY-204 MRT Trackworks, MV & WT (CGJV Ref No: M11)

To carry-out Mechanical Testing as follows :-

1. Tensile Test : 15 (Longitudinal / ~~Transverse~~ / ~~Through Thickness~~ / All Weld / Subsize / Rebar)
 2. Shear Test : _____ Overlay Bolt Others _____
 3. Bend Test & Rebend : 5 Face Root Side
 4. Charpy Impact Test : BM WM HAZ FL FL + 1 FL + 2 FL+5
 Test Temperature : _____ °C
 5. Hardness Test : _____ HV HB HRC Location: Cross-sectional / Surface
 6. Macro Etch : _____
 7. Microstructure : _____
 8. Nick Break / Fracture Test : _____
 9. Proof Load Test(Bolt/Nut) : _____
 10. Flattening Test : _____
16. NDT

i. RT : X-RAY Gamma Ray Film: _____

ii. DPT iii. MPI iv. UT

17. PWHT : _____ (Please fill up the PWHT Form)

18. Others Testing : _____
 (Please Specify)
11. Flaring / Drift / Ring-Expanding Test : _____
 12. Chemical Analysis : _____ Spectrometer XRF Elements: _____
 13. Corrosion Test : ASTM G 48 (A) ASTM A 262 (A / B / E) Others : _____
 14. Ferrite Count : Metallography ASTM E 562 Ferritescope
 (Manual) (Machine)
 15. Other Details :
 - a) WPS No. / Heat No. / Sample ID : AS PER ATTACHED REBAR SUMMARY
 - b) Sample Description : REBAR
 - c) Material Specification / Grade : B500B
 - d) Material Thickness / Diameter : T12 & T16
 - e) Welding Process : _____
 - f) Weld Configuration : _____
 - g) Weld Position : _____
 - h) Welder's Name / Particular : _____
 - i) I/C No. / Welder No. : _____
 - j) Test Method / Test Specification : MS 146

19. Witness By (if any) : _____ 20. Testing Date : _____

NOTE : Customer shall be responsible to collect the remaining test sample within 14days, otherwise it shall be disposed without notice

REQUESTED BY : (Customer) Signature :  Name : <u>M.Kamil B. Zulkepli</u> Contact No. / Email : <u>kamil.zulkepli@cccc-gk.com</u> (please cop and sign) <u>4 April 2019</u>	RECEIVED BY : (NUSATEK) Signature : _____ Name : _____ Date : _____ (please cop and sign)
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CCCC-GEORGE KENT JV

PROJEK MASS RAPID TRANSIT LALUAN 2: SUNGAI BULOH – SERDANG – PUTRAJAYA

ENGINEERING, PROCUREMENT, CONSTRUCTION, TESTING & COMMISSIONING OF TRACKWORKS, MAINTENANCE VEHICLES & WORKS TRAIN

Date Updated: 4/4/2019
CGJV Ref : NT11

No	Rebar Size	Rebar Heat No	Grade	Type of Test	Supplier
1	T12	157966	B500B	Tensile	Ann Joo Steel Berhad
2	T12	157966	B500B	Tensile	Ann Joo Steel Berhad
3	T12	157966	B500B	Tensile	Ann Joo Steel Berhad
4	T12	157966	B500B	Bend & Rebend	Ann Joo Steel Berhad
5	T12	158010A	B500B	Tensile	Ann Joo Steel Berhad
6	T12	158010A	B500B	Tensile	Ann Joo Steel Berhad
7	T12	158010A	B500B	Tensile	Ann Joo Steel Berhad
8	T12	158010A	B500B	Bend & Rebend	Ann Joo Steel Berhad
9	T12	158089	B500B	Tensile	Ann Joo Steel Berhad
10	T12	158089	B500B	Tensile	Ann Joo Steel Berhad
11	T12	158089	B500B	Tensile	Ann Joo Steel Berhad
12	T12	158089	B500B	Bend & Rebend	Ann Joo Steel Berhad
13	T16	157438	B500B	Tensile	Ann Joo Steel Berhad
14	T16	157438	B500B	Tensile	Ann Joo Steel Berhad
15	T16	157438	B500B	Tensile	Ann Joo Steel Berhad
16	T16	157438	B500B	Bend & Rebend	Ann Joo Steel Berhad
17	T16	158036	B500B	Tensile	Ann Joo Steel Berhad
18	T16	158036	B500B	Tensile	Ann Joo Steel Berhad
19	T16	158036	B500B	Tensile	Ann Joo Steel Berhad
20	T16	158036	B500B	Bend & Rebend	Ann Joo Steel Berhad