

Ref: 201A22002/K100/SK/qa/0153

11<sup>th</sup> Nov 2022

KTC International Contracting (LLC)  
P.O. Box 28427  
Dubai  
United Arab Emirates

Email. [malik.qaiser@ktcco.net](mailto:malik.qaiser@ktcco.net)

Attn; Mr. Malik Qaiser

Dear Sir,

**Dorchester Hotel & Residences**  
**RTA Works to front of Plot - Post Tender Meeting**

Further to the meetings held at our site offices on 10<sup>th</sup> Nov 2022, we enclose herewith for your information and further action the following.

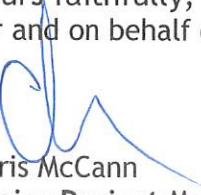
- |                                |            |
|--------------------------------|------------|
| 1. Minutes of Kick off meeting | (12 pages) |
| 2. Relevant Correspondence     | (01 page)  |
| 3. Clarification Schedule      | (01 pages) |
| 4. Bill of Quantities          | (20 page)  |
| 5. K5 Summary of Requirements  | (03 pages) |

Please sign the minutes of meeting (page 12) and the K5 form and return these pages to our offices for record.

We trust the enclosed is an accurate representation of the meeting held, however, should you have any comments please advise in writing within 5 days of the date of this letter, failing which you will be deemed to have accepted the attached as a true record.

Thank you for your attention.

Yours faithfully,  
for and on behalf of Khansaheb Civil Engineering LLC.

  
Chris McCann  
Senior Project Manager

**KHANSAHEB CIVIL ENGINEERING LLC**  
**SUBCONTRACTOR'S POST TENDER REVIEW MEETING**

Contract:	Dorchester Hotel & Residences, Business Bay	Contract No:	201A22001
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Subcontractor (SC):	KTC International Contracting L.L.C.	Meeting Date:	10.11.22
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**Purpose of Meeting:** To review the technical & commercial aspects of the Subcontractor's tender, to ensure the bid is compliant with the tender enquiry, ascertain if the Subcontractor has fully understood the scope of the package & has the current capacity to execute the works and manage any associated risks.

**SCOPE OF WORK:**

The design (to the extent defined in the Subcontract), procurement, fabrication, delivery, handling, offloading, distribution, installation, maintenance, testing and commissioning of all works associated with RTA Works to front of Plot.

<b>SUBCONTRACTOR DETAILS (SC)</b>		<b>KHANSAHEB DETAILS (KCE)</b>	
Name: Address:  Tel No.	KTC International Contracting L.L.C. P. O. Box 28427 Dubai UAE 04 587 6585	Name: Address:  Tel No.	Khansaheb Civil Engineering LLC P.O.Box 2716 Dubai, UAE 04 605 7200

<b>NAME (SC)</b>		<b>DESIGNATION</b>	<b>NAME (KCE)</b>		<b>DESIGNATION</b>
Present:	Malik Qaiser	Sr.Projects Manager	Present:	Saman Kulsooriya Ali Saadeddine	Sr. Quantity Surveyor Site Agent

**Khansaheb point of contact (KCE):**

Name:	Chris McCann
Position:	Senior Project Manager
Mobile No:	056 507 6171
Email:	chris.mccann@khansaheb.ae

**Project Commercial Manager (KCE):**

Name:	Kevin Davies
Mobile No:	050 651 1597
Email:	kevin.davies@khansaheb.ae

**Subcontractor point of Contact (SC):**

Name:	Malik Qaiser
Position:	Sr.Projects Manager
Mobile No:	055 471 6105
Email:	malik.qaiser@ktcco.net

**Correspondence:**

All correspondence issued in connection with this Subcontract is to be addressed to the Contractor's / Subcontractor's designated 'point of contact' noted above.

The SC confirmed that their point of contact named above is deemed to be duly authorised to act on behalf of and agree matters on behalf of the Subcontractor and to act as the Subcontractor's Representative under the Subcontract.

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Item	Minute	Action by	Date
2.0	Commercial Sufficiency		
2.1	<p><b>Khansaheb Tender Enquiry</b></p> <p>SC confirmed receipt of KCE tender Enquiry:            Reference: Saman (KCE) email, ( 08:50 AM )            Dated: 26.10.2022</p> <p>Further communication is listed in the Schedule of Relevant Correspondence attached in Appendix No. 1 of these minutes.</p>		
2.2	<b>Validity of the Subcontractor's Tender</b>		
2.2.1	The SC confirmed its tender reference dated [redacted] remained valid until [redacted]	S-1841-R1 [redacted]	
2.2.2	SC confirmed its tender price as:	AED 1,043,942.00	
2.2.3	SC confirmed its tender price was:	Subject to Remeasurement Fixed Price	
2.2.4	SC confirmed that its rates and prices are fixed until: Issuance of the Performance Certificate		
2.2.5	SC confirmed that after discount its final offer is: AED 1,043,942.00		
2.3	<b>Insurance, Bonds &amp; Warranties</b>		
2.3.1	SC confirmed that an Advance Payment would not be required	No	
2.3.2	KCE and SC agreed that the Advance Payment would be [redacted] % of the Subcontract price.	20	
2.3.3	The Advance Payment will be recovered at [redacted] % of the gross amount certified to the SC in interim payment certificates, until the advance payment has been fully recovered.		
2.3.4	KCE and SC agreed that a Performance Bond would be [redacted] of the Subcontract price	10%	Refer Cont. sheet

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Item	Minute	Action by	Date
2.3	Insurance, Bonds & Warranties continued		
2.3.5	SC confirmed that their tender included the provision of all warranties and guarantees required by the tender document and to satisfy the Employer's Requirements. Where a warranty or guarantee for a particular item is not clear from the tender documentation, the SC agreed to obtain the maximum warranty / guarantee available from the specified suppliers.		
2.3.6	SC agreed to provide a Collateral Warranty if required	Yes	
2.3.7	The SC confirmed and agreed that the cost of supplying the above bonds and warranties is included in their Subcontract price and that failure to provide them will result in interim payments being withheld.		
2.3.8	KCE and SC agreed that the following insurances are to be provided:  Workmen's Compensation      S/C      Plant & Equipment      S/C Professional Indemnity      N/A      CAR / Third Party      Employer		
2.3.9	The SC agreed to provide copies of their up to date policies and confirmed that if any insurances expire during the currency of the Project, the Subcontractor is to provide evidence of renewal.		
2.4	Valuation & Payment		
2.4.1	KCE and SC agreed that valuations are to be submitted on:  30th of each month		
	KCE confirmed that payment would be made within 15 days of receipt of the corresponding payment from the Employer		Refer Cont. sheet
2.4.2	KCE confirmed and the SC agreed that the retention percentage on the work is 10 %		
2.4.3	The release of retention will take place in line with the conditions of the Main Contract which states that the first half will be released:  On receipt of the Taking Over Certificate for the Main Contract works		
2.4.4	The Balance of retention release will occur:  on receipt of the Defects Liability Certificate for the Main Contract works		
2.4.5	KCE and SC agreed that all retention payments will be made within 15 days of receipt of the corresponding payment from the Employer		

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Item	Minute	Action by	Date			
2.4	Valuation & Payment continued					
2.4.6	If the SC fails to comply with the agreed programme (section 6) then Liquidated Damages / Penalties for the whole of the Works and any section, where applicable, will be applied <del>in line with the amounts under the Main Contract.</del>					
2.4.7	KCE and SC agreed that the Defect Liability Period would be: <table border="1"><tr><td>365</td><td>days</td><td>from date of Taking over certificate</td></tr></table>	365	days	from date of Taking over certificate		
365	days	from date of Taking over certificate				
	Further commercial terms were recorded in the continuation sheets: <input checked="" type="checkbox"/> Yes					
2.5	Conditions of Contract					
2.5.1	Main Contract Project Description: All outstanding Works required to bring the Project known as the Dorchester Hotel & Residences to completion					
2.5.2	Form of Contract: <input checked="" type="checkbox"/> FIDIC first ed. 1999 Red Book as amended by Particular Conditions (see continuation sheet)					
2.5.3	KCE confirmed and the SC agreed that the Main Contract documents, including drawings, specifications and other schedules / appendices (excluding commercially sensitive information) are available for inspection by the SC.					
2.5.4	The SC confirmed that his offer is fully technically and commercially compliant with the Main Contract and any future Subcontract agreement will be performed on a back to back basis, except as noted herein.					
2.5.5	The SC confirmed that he has made due allowance for the above in his price.					
	Subcontract					
2.5.6	Form of Subcontract: <input checked="" type="checkbox"/> FIDIC Subcontract 2011 with Part II Particular Conditions					
2.5.7	KCE and SC agreed that the Subcontractor's tender qualifications, exclusions, attendances, terms and conditions are superseded by the amendments / agreements made in: <table border="1"><tr><td>Appendix 2 Clarification schedule</td></tr></table>	Appendix 2 Clarification schedule				
Appendix 2 Clarification schedule						
2.5.8	KCE and SC confirmed their responsibility for the provision of certain attendances / facilities by reviewing the K5 form. <table border="1"><tr><td>The K5 was agreed and will be signed and returned by the SC within 2 days of the date of this meeting</td></tr></table>	The K5 was agreed and will be signed and returned by the SC within 2 days of the date of this meeting				
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**KHANSAHEB CIVIL ENGINEERING LLC**  
**SUBCONTRACTOR'S POST TENDER REVIEW MEETING**

Contract:	Dorchester Hotel & Residences, Business Bay	Contract No:	201A22001
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Item	Minute	Action by	Date
3.0	Design		
3.1	<p>The following design responsibilities were identified as being the responsibility of the SC (if none state none):</p> <p>Design Responsibilities as per the Main Contract for the Subcontract works</p>		
3.2	<p>The following temporary works design responsibilities were identified as being the responsibility of the SC (if none state none):</p> <p>The SC will be responsible for the design of temporary works as necessary to execute the Subcontract Works.</p>		
3.3	The SC confirmed that his design, will be in accordance with the Tender and Main Contract documents and all design obligations shown and / or described therein are included.		
3.4	SC confirmed that it has sufficient and competent design resource available to deliver the above design responsibilities for this project.		
3.5	SC confirmed that his tender is fully compliant with all applicable Building Standards, Statutory Authority Regulations, Civil Defence and Municipality requirements etc.		
3.6	<p>SC confirmed that he has included for the provision of shop drawings:</p> <p>Yes</p>		
3.7	<p>SC agreed to provide all necessary as-built information and records:</p> <p>Yes</p>		
3.8	SC agreed to provide all necessary information and records necessary for incorporation into the projects operating and maintenance manuals:		
3.9	KCE confirmed and SC agreed that for the purposes of payment, unless the as-built details / O & M manuals and any other close out documentation to be provided by the SC are in compliance with the Subcontract, that KCE may withhold payments.		

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Item	Minute	Action by	Date								
4.0	Change Management										
4.1	<p>KCE confirmed and SC agreed that payment for additional work will not be made without prior written instruction from the following named persons:</p> <table border="1"> <tr> <td>Title</td> <td>Name</td> </tr> <tr> <td>Project Manager</td> <td>Chris McCann</td> </tr> <tr> <td>Sr. Quantity Surveyor</td> <td>Saman Kulsooriya</td> </tr> <tr> <td></td> <td></td> </tr> </table>	Title	Name	Project Manager	Chris McCann	Sr. Quantity Surveyor	Saman Kulsooriya				
Title	Name										
Project Manager	Chris McCann										
Sr. Quantity Surveyor	Saman Kulsooriya										
4.2	<p>KCE and SC agreed that the valuation of works on a daywork basis: <span style="border: 1px solid black; padding: 2px;">will not be</span> permitted on this contract.</p> <p>If permissible KCE and SC agreed that the rules of 4.1 above would apply and the SC would submit comprehensive record sheets within 24 hours of the work being carried out.</p>										
4.3	The SC agreed to promptly advise KCE, in writing, of the impact that any instruction may have on the Subcontract works and to comply with the requirements of the Subcontract in all cases.										
4.4	Instructions issued by the Client / Consultants direct to the Subcontractor should not be acted on, unless relating to H&S matters. The SC agreed to notify KCE in writing about any instruction issued by the client.										
4.5	SC agreed to proceed with all instructions issued by the above named persons, including cases where the value has not been agreed.										
5.0	Technical Sufficiency										
5.1	<p>SC stated that its tender was technically fully compliant with the tender enquiry documents including but not limited to specifications, drawings, BOQ etc. and all applicable Building Standards / Statutory Authority Regulations, including Civil Defence and Municipality requirements etc. current at the date of its tender.</p> <p><span style="border: 1px solid black; padding: 2px;">Yes</span></p> <p>If no, the variance were identified as;  <span style="border: 1px solid black; padding: 2px;">[refer to appendix 2 for a complete list of clarifications / agreements]</span></p> <p>The SC's offer is deemed to be fully compliant</p>										

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Item	Minute	Action by	Date
5	Technical Sufficiency continued		
5.2	<p>KCE and SC reviewed the KCE Trade Checklist:</p> <p>If yes, the following pertinent points were identified: N/A</p>	N/A	
5.3	<p>Further minutes were recorded in the continuation sheets:</p> <p>SC summarised what innovation, construction and material alternative options can be offered with potential cost savings: Not Applicable</p>	No	
6.0	Programme		
6.1	<p>KCE confirmed that the site working hours are:</p> <p><i>Mondays</i> Sunday to Thursday      7am - 5pm</p> <p>Friday      7am - 5pm</p> <p><i>Saturday - Sunday</i>      Closed</p> <p>If the SC wishes to work outside the above hours then permission must be requested / obtained from KCE's Project Manager in writing with 24 hours notice. Additional supervision / attendance cost incurred by KCE as a consequence will be charged to the SC's account.</p>		
6.2	<p>The SC confirmed that the Subcontract works will be carried out in accordance with the durations and sequence indicated in KCE programme reference:</p> <p>Programme to be agreed to align with Main Contract Programme.</p>		
	A copy of which has been enclosed within Appendix 4	No	
6.3	<p>SC confirmed receipt of KCE Main Contract programme rev and confirmed their acceptance of the same.</p>	No	N/A

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Item	Minute	Action by	Date
6.0	Programme continued		
6.4	SC confirmed that it was fully able to resource the works, including all necessary management, supervision, labour and plant in order to meet the requirements of the project and programme.		
6.5	SC confirmed that it would submit a detailed programme for approval within: 7 days from receipt of an LOI.		
6.6	SC confirmed that it would submit a resource histogram for labour & plant within: 7 days from receipt of an LOI.		
6.7	SC confirmed that it would submit procurement / submittal / shop drawing / information release schedules within: 7 days from receipt of an LOI.  SC is to ensure that all schedules are comprehensive and that information is requested / submitted in time to meet the requirements of the above referenced programme.		
6.8	SC confirmed that it would commence the production of shop / design drawings on receipt of the IFC drawings from KCE.		
6.9	SC agreed to provide a comprehensive schedule of long lead items for KCE's review including all documentation to evidence that all suppliers / manufacturers are working toward the agreed programme dates: N/A S/C Confirmed no long lead in items		
6.10	KCE advised the SC of other critical interfaces or factors affecting the programme and the SC agreed to co-ordinate their works with other Subcontractor trades:  External finishes, Landscaping Works		
6.11	KCE confirmed and the SC agreed that continuity of work cannot be guaranteed and the SC has allowed for an adequate number of visits to execute and complete the Subcontract works.		
6.12	SC confirmed that method statements and risk assessments will be submitted for approval within a minimum of 14 days prior to the commencement of the Subcontract works on site or as required to comply with the programme current at that time.		
6.13	KCE stated that from time to time the Project Manager may amend the programme. The SC acknowledged this and confirmed that it would comply with any amendment.		

Contract:	Dorchester Hotel & Residences, Business Bay	Contract No:	201A22001	
Item	Minute	Action by	Date	
7.0	Management of the Subcontract Works			
7.1	SC confirmed that it would provide full time competent supervision whilst the Subcontract works are ongoing and the level of supervision would be commensurate with the extent of the SC's works. SC also agreed that CV's of proposed supervisor(s) would be provided 1 week from award for KCE's review and approval.			
7.2	SC agreed that if the number of supervisors is inadequate and / or the knowledge, capability and experience of those supervisors is not to KCE's satisfaction, then the SC will be given the opportunity to resolve this within a set timeframe. Should the SC fail to take the appropriate action then KCE shall take whatever measures are necessary to ensure the safe and timely delivery of the works. Any additional costs, charges or expenses incurred by KCE as a consequence will be charged to the Subcontractor's account.			
7.3	The SC agreed to attend regular progress / co-ordination meetings at the request of KCE and the SC agreed to prepare a progress report prior to each meeting detailing the status of both on and off site activities.			
7.4	SC agreed to submit its proposed organisation chart for the project.			
8.0	Safety, Quality & Environmental			
8.1	<p>SC confirmed its intention to sub-let part of the Subcontract works:</p> <table border="1" style="width: 100px; margin-left: auto; margin-right: auto;"> <tr> <td>No</td> </tr> </table> <p>If yes, the SC requested permission to sub-let the following works to the named companies below, and agreed that all KCE's conditions, standards, worker welfare policies etc. would also be applied to its subcontractors:</p> <p>.....</p>	No		
No				
8.2	<p>SC confirmed that its labour for this project would be supplied by:</p> <p>Direct &amp; Hired legally employed resource</p> <p>If hired resource, SC confirmed the name of the labour supply company under item 8.1.</p>			
8.3	SC confirmed that should any element of the works at any stage be required to be sub-let outside of the above list the SC would, prior to starting the works, obtain KCE's approval and provide details of the scope being sub-let and of the proposed companies. The SC also confirmed that it would warrant that the performance of all of their supply chain would be in line with the SC's own obligations as outlined in section 8.1 in every regard.			

Contract:	Dorchester Hotel & Residences, Business Bay	Contract No:	201A22001
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Item	Minute	Action by	Date				
8.4	The SC confirmed that all subcontractors listed in 8.1 or any future subcontractors referred to in 8.3 would be pre-qualified and assessed to ensure their competence and capacity to complete the sub-let element of works. The SC agreed to provide prequalification records upon request.						
8.5	KCE explained to the SC the requirements of their K-Standards that relate to the package works and the SC confirmed that they would fully comply with these standards and that the associated costs are included in their tender price.						
8.6	KCE confirmed that a copy of the company health, safety, environmental & sustainability policies and company procedure are available for inspection on site and stated that the content of this document was the minimum standard to be achieved by the SC. The SC confirmed and agreed to its application.						
8.7	KCE confirmed that a copy of the company Worker Welfare Procedure is available for inspection at KCE's Head Office and that the requirements of this document must be respected and adhered to in relation to the employment of labour in every regard. The SC confirmed and agreed to its application.						
8.8	KCE confirmed that all persons entering site must attend a site induction and provide all required documentation.  The site inductions would be held on site at the following times: <table border="1"><tr><td>Day</td><td>Daily</td><td>Time</td><td>7am</td></tr></table>	Day	Daily	Time	7am		
Day	Daily	Time	7am				
	KCE confirmed and SC agreed that should their persons fail to attend the above induction then they must leave site and return for the next available induction. All cost associated with this will be the responsibility of the SC.						
8.9	SC confirmed that it would provide weekly tool box talks to its operatives along with daily briefings on the methodology and controls required to complete the works  From time to time KCE may request the SC to carry out a tool box talk on a specific subject matter. The SC agreed to comply with any such request.						
8.10	The SC confirmed that the below named person would be their Safety Officer(s) on the project and confirmed that this person held the following qualifications:  <table border="1"><tr><td>Name</td><td>to be advised</td></tr><tr><td>Qualifications</td><td>to be advised</td></tr></table> <i>Note: minimum requirement of NEEBOSH qualification. Alternatives qualifications will be subject to prior approval from KCE Safety Department</i>  SC agreed that the above named person would be on site during the execution of the works.  SC agreed to comply with the DM code of construction safety practice as a minimum, ensuring that the required attendance & qualifications of its Safety Officers are met.  SC agreed to provide a copy of its proposed Safety Officers CV for KCE's review and approval. Dependant on the number of operatives the SC has on site the number of Safety Officers required may increase as described in the DM code. The SC agreed to promptly provide further names and CV's of any additional Safety Officers required, for KCE's prior approval.	Name	to be advised	Qualifications	to be advised		
Name	to be advised						
Qualifications	to be advised						

Contract:	Dorchester Hotel & Residences, Business Bay	Contract No:	201A22001
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Item	Minute	Action by	Date
8.11	KCE confirmed that the OSP19 Disciplinary Action Procedure for safety violations would be incorporated into the Subcontract. Any fines will be deducted from interim payments due to the SC.		
8.12	KCE explained the key details of the project safety plan as outlined below and the SC confirmed its understanding:  A full copy of the Project HSE Plan & logistics plan is available for the SC to inspect / review		
8.13	KCE explained the key details of its Sustainability's policy and confirmed its commitments to a sustainable construction.		
8.14	SC confirmed its commitment to sustainability in line with KCE's policy and outlined some of the sustainability initiatives it was currently undertaking:  <input checked="" type="checkbox"/> Yes		
8.15	SC agreed to comply with KCE's Quality plan and QA procedures currently in force, a copy of which is available on site for the SC to review.		
8.16	SC agreed to provide compliance certificates for all workmanship, materials, plant & equipment supplied for the Project and agreed to provide an inspection & test plan prior to commencing the works on site, to which the plan relates.		
9.0	<b>Further Matters</b>		
9.1	Further matters raised by KCE / SC are recorded on the continuation sheets attached.  <input checked="" type="checkbox"/> Yes		
10.0	<b>Intention to Subcontract</b>		
10.1	<p>KCE having considered the SC tender and the SC representations during this meeting advised that the following option as described below will be taken:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>Option 1:</b> KCE stated that other Subcontract tenders are under consideration and will contact the SC in the near future.</li> <li><input checked="" type="checkbox"/> <b>Option 2:</b> KCE stated its intention to proceed to complete a Subcontract agreement.</li> <li><input type="checkbox"/> <b>Option 3:</b> KCE requested that the SC provide further and better particulars as identified in these minutes to enable evaluation of the SC tender to be completed.</li> <li><input type="checkbox"/> <b>Option 4:</b> KCE will not proceed further on this occasion.</li> </ul>		

Contract:	Dorchester Hotel & Residences, Business Bay	Contract No:	201A22001
Item	Minute	Action by	Date
10.2	KCE stated that in the event of a Subcontract award a Letter of Intent (LOI) would be issued. The SC agreed to proceed on this basis whilst the formal Subcontract Agreement was being collated.		
10.3	<p>KCE confirmed the list of documentation appropriate for incorporation into the formal Subcontract order in the event of award is:</p> <p>As listed in Appendix 1 of these minutes</p> <p>These minutes and attachments</p> <p>Any further documents issued from the date of these minutes until placement of order</p>	<input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No	
11.0	<b>Statement of Agreement</b>		
11.1	These minutes together with the below referenced attachments are issued 'subject to contract' but are agreed and accepted to be a complete and accurate record of discussions and as such may form part of a future Subcontract agreement and then be binding on the parties. In the event that they are not issued immediately after the meeting, the SC is requested to return them to KCE within 5 calendar days of receipt having previously raised and agreed with KCE's representative below any matter that will reasonably require amendment.		
11.2	<p><b>Signed for Khansaheb:</b></p> <p>Name (print): Saman K</p>  <p>Date: 11.11.22</p> <p>Signature:</p>		
11.3	<p><b>Signed for SC:</b></p> <p>Name (print):</p> <p>Date:</p> <p>Signature:</p>		
12.0	<b>Attachments</b>		
12.1	No. of continuation pages	1	
12.2	Appendix 1 - Relevant Correspondence	Yes	
12.3	Appendix 2 - Tender Clarification Schedule / hand marked copy of SC tender	Yes	
12.4	Appendix 3 - K05 Summary of Attendances	Yes	
12.5	Appendix 4 - Programme of Works <i>Bill of Quantities</i>	No	

Contract:	Dorchester Hotel & Residences, Business Bay	Contract No:	201A22001
Item	Minute	Action by	Date
	Continuation Sheets		
2.3.2	The subcontractor to provide advance payment bank guarantee of 20 % of the Subcontract value.		
2.3.4	The subcontractor to provide undated security cheque of 10 % of the Subcontract value enclose with standered cover letter.		
2.4.1	payment would be made with in 15 days of receipt of the corresponding payment from the Employer or 60 days from the month end which invoice is submitted.		
2.5.2	FIDIC Conditions of Contract for Building & Engineering Works designed by the Employer, first edition 1999 (Red Book) as amended by Particular Conditions		
	<b>General:</b>		
1	The SC will provide HS staff, including 1st Aider, in accordance with statutory requirements		
2	KCE advised that storage space on site is restricted and so all materials are to be delivered on a 'just in time' basis. Materials are to be delivered in sequence and are to be lifted & fixed directly into place upon delivery.		
3	KCE will provide cranage in accordance with its site logistics plan or other such arrangement to off-load materials. The SC's representative is to attend daily crane co-ordination meetings with KCE to agree crane usage / timings for the following days. Notwithstanding that KCE is providing the cranage the SC is responsible for submission of lifting plans, Risk Assessments Method Statements for KCE's approval.		
4	The SC retains responsibility for providing lifting equipment, suitably trained & qualified riggers / banksman and supervision at all times during the SC Works		
5	The SC confirmed it has allowed for all costs associated with reduced working hours and / or changes in shift pattterns during the Holy Month of Ramadan, 'summertime working' restrictions, night shifts & public holidays etc		
6	There will only be one site induction per day, should the SC require additional inductions additional costs will be incurred and charged to the SC		



**APPENDIX 1**  
**SCHEDULE OF RELEVANT CORRESPONDENCE**

**KHANSAHEB CIVIL ENGINEERING LLC**  
**SUBCONTRACTOR'S POST TENDER REVIEW MEETING**

APPENDIX 1

**SCHEDULE OF RELEVANT CORRESPONDENCE**

KTC International Contracting L.L.C.

No.	Subject	Reference	Date
1	Enquiry for RTA External Works at Dorchester Hotel & Residence (Business Bay)	KCE (Saman) email, 08.50 am, (Enquiry for RTA Works to front of Plot).	26.10.22
2	Enquiry for RTA External Works at Dorchester Hotel & Residence (Business Bay)	KTC email, 13.24 pm, (Final Quotation)	09.11.22
3	Minutes of Post Tender Review Meeting	KCE Letter ref. 201A22002/K115/SK/qa/0141	11.11.22



## APPENDIX 2

### CLARIFICATION SCHEDULE / ~~TRADE CHECK LIST~~

Ref	Clarification / Qualification KTC Quo. Ref. S-1841-R1 dated 09.11.2022	KCE Response 10.11.22	Final Agreement dated 10.11.22
	<b>Terms &amp; Conditions</b>		
1	The Commencement date of the project will start from the date of receiving of all the NOC's from all relevant Authorities. Any Design Works shall be by client	Noted, Subcontractor should comply with the project programme.	Agreed & closed
2	Work to be re-measured our price is based on the attached BOQ, any item not mentioned to be treated as variation and shall be paid extra with 15% OH & Profit.	Agreed about remeasured Subcontract, however, Percentage of OH & Profit is Subject to the Client's approval.	Agreed & closed
3	For Interlocks & Kerb Works we have considered as normal finish as per RTA Standard.	Subcontractor's price is comply with RTA standard.	Agreed & closed
4	Our offer is as per the Provided attached Bill of Quantities	Noted, but the offer based on the provided tender document.	Agreed & closed
5	We have not considered any establishment for site office and equipment for KTC as Contractor, Consultant & Client	Noted and agreed	Agreed & closed
6	Land for material Storage, ktc Site Office and Services (Elect, Water & Sewerage) to be provided by Client free of costall throughout the project duration.	Services provided by KCE is as per K05	Agreed & closed
7	If any Fee payment to any authority arises shall be paid by Client. (i.e. RTA Supervision Fee at Construction NOC Stage, any connection fee, any Permit fee from DM or other Authorities and any Horticulture Fee by DM)	Noted and agreed.	Agreed & closed
	<b>Payment</b>		
8	20% Advance and remaining shall be in monthly basis	Noted subject to final approval by the Client.	Agreed & closed
9	We have considered Two (02) Months from the date of commencement	The Subcontractor programme should be inline with the Main Contract.	Agreed & closed
10	VAT Excludes in our offer	Noted and agreed.	Agreed & closed
	<b>Validity</b>		
11	30 Days from the date of submission.	Noted and agreed.	Agreed & closed



## APPENDIX 3

### K05 SUMMARY OF ATTENDANCES & FACILITIES

## APPENDIX - 3: SUMMARY OF ATTENDANCES & FACILITIES

K05

This schedule outlines the attendances and facilities which are to be provided by KCE and those that are to be provided by the Subcontractor. Those facilities provided by KCE shall be used in common with other Subcontractors. All facilities provided by the Subcontractor are to meet the minimum requirements described in KCE's procedures and K Standards. Failure to meet these requirements may result in KCE taking remedial action with all associated charges being levied against the Subcontractor's account.

Ref	Description	KCE	Sub-Contractor
1	<b>Site Facilities</b>		
1.1	Area for Subcontractor's offices ( 2 Desk space only )	✓	<input type="checkbox"/>
1.2	Area for Subcontractor's storage	✓	<input type="checkbox"/>
1.3	Offices for Subcontractor's staff (3 Desk Spaces)	✓	<input type="checkbox"/>
1.4	Buildings / containers for Subcontractor's storage	<input type="checkbox"/>	✓
1.5	Specific security of Subcontractor's facilities and material (general security by KCE as 1.8)	<input type="checkbox"/>	✓
1.6		21	✓ <input type="checkbox"/>
1.7	Canteen facilities (if applicable)	n/a	n/a
1.8	General security / hoarding to perimeter of site / laydown areas	✓	<input type="checkbox"/>
1.9	Provision of first aider(s) & all equipment	✓	<input type="checkbox"/>
1.10	Provision of telephone and internet connection	<input type="checkbox"/>	✓
1.11	Telephone and internet monthly charges	<input type="checkbox"/>	✓
1.12	Computers, printers & other electrical office equipment	<input type="checkbox"/>	✓
1.13	Provision of office furniture	✓	<input type="checkbox"/>
1.14	Provision of office stationary	<input type="checkbox"/>	✓
1.15	Provision of office consumables (milk, tea, coffee etc.)	<input type="checkbox"/>	✓
2	<b>Temporary Services</b>		
2.1	Provision of temporary power & water to office & storage buildings	✓	<input type="checkbox"/>
2.2	Provision of a temporary power connection for the works 50m from the workface (110v)	✓	<input type="checkbox"/>
2.3	Safe distribution of power from the above connection (item 2.2)	<input type="checkbox"/>	✓
2.4	Provision of a water connection point 50m from the workface	✓	<input type="checkbox"/>
2.5	Distribution of water to the workface 50m from the above connection point (item 2.4)	<input type="checkbox"/>	✓
2.6	Task lighting	<input type="checkbox"/>	✓
2.7	Safety lighting (in order to provide safe access and egress)	✓	<input type="checkbox"/>
3	<b>The Works</b>		
3.1	Setting out - main grid lines & datum points (at SC cost as main Contract matrix)	✓	<input type="checkbox"/>
3.2	Setting out of the Subcontract works	<input type="checkbox"/>	✓
3.3	Competent Supervision of the Subcontract works and labour	<input type="checkbox"/>	✓
3.4	Protection of the Subcontract works & removal of protection on completion	<input type="checkbox"/>	✓
3.5	Disposal of waste to site refuse area	<input type="checkbox"/>	✓
3.6	Segregation of waste in to the designated waste skip	<input type="checkbox"/>	✓
3.7	Disposal of waste off site to an approved location	✓	<input type="checkbox"/>
3.8	Disposal of hazardous waste off site to an approved location (if Applicable)	✓	<input type="checkbox"/>
3.9	Provision of personal protective equipment ( <i>KCE Gloves &amp; Eye protect Policy</i> )	<input type="checkbox"/>	✓
3.10	Provision of samples & mock ups	<input type="checkbox"/>	✓
3.11	Testing / commissioning (where applicable to SC Works)	<input type="checkbox"/>	✓
3.12	Cleanings and housekeeping Labour- Dedicated team for daily regular progressive clean-up	<input type="checkbox"/>	✓
3.13a	Cleaning of works & housekeeping labour, daily progressive clean up including provision of dedicated labour to clean up, sort and remove waste arising from the SC Works.	<input type="checkbox"/>	✓
3.13b	The SC is to segregate all waste as required in by the Contractor. The SC is to place waste in the bins / skips at provided at Ground Floor by the Contractor.	<input type="checkbox"/>	✓
3.14	Temporary works (if applicable)	<input type="checkbox"/>	✓

Ref	Description	KCE	Sub-Contractor
<b>4</b>	<b>Cranage &amp; Hoisting</b>		
4.1	Shared use of KCE tower cranes (by prior agreement & if available on site)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.2	Mobile cranes (by prior agreement & if available on site)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.3	Shared use of hoists and / or service lifts	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.4	Offloading Subcontractor's deliveries (within the areas identified in KCE's logistic / crane plan & within maximum crane lifting limits)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.5	Offloading Subcontractor's deliveries (Outside of areas shown in KCE logistic / crane plan)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.6	Loading out Subcontractor materials to the place of installation	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.7	Specialist lifting accessories i.e Spreader beams, frames etc	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>5</b>	<b>Access &amp; Equipment</b>		
5.1	Provision of small tools & hand held power tools (110 volt only)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5.2	Small mechanical plant & equipment	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5.3	Driver operated plant & equipment (if required)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5.4	Operators for mechanical plant & equipment (if required)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5.5	Provision of fuel, water, gas and the like to power mechanical equipment	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5.6	Mobile scaffold towers (where permitted by KCE SPM, see also 5.9 & 7.2)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5.7	Mechanical/electrical working platforms - scissor lifts, cherry pickers and the like	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5.8	Independent access scaffold up to platform height of 3.5m by SC	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5.9	Independent access scaffold platform height above 3.5m	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5.10	Birdcages & specialist crash decks to platform height of 3.50m	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5.11	Handrail edge protection	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5.12	Debris netting & protection	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5.13	Access stairs to the works	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5.14	Task specific fire extinguishers where required (e.g. for hot works)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5.15	Task specific safety signage	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>6</b>	<b>Personal Protective Equipment (PPE)</b>		
6.1	Provision of all KCE mandatory PPE including but not limited to, branded overalls & high visibility vests, safety footwear, heavy duty safety helmets, safety gloves, safety glasses. Note; Any operative attending site with poor quality PPE or without the mandatory PPE, will either be refused entry or issued with the correct PPE with the cost being deducted from the Subcontractor's account.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6.2	All task specific PPE required to comply with the approved safe system of work documented through KCE's K-Standards or the method statement, risk assessment and Coshh assessment must be provided.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>7</b>	<b>Any Other Specific Facilities &amp; Attendances Identified Below</b>		
7.1	The SC shall use its best endeavours to ensure the collection & removal of recyclable waste materials generated by the Subcontractor (& its supply chain) is returned to source and not included in skips to be disposed off as waste.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7.2	MEWP's to be used wherever possible, mobile scaffold towers to be approved by KCE SPM	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7.3	High visibility vests with company name, designation	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7.4	Safety Helmet with names/ designation	<input type="checkbox"/>	<input checked="" type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
<b>8</b>	<b>Confined Space Works (only to extent applicable for the SC Works)</b>		
8.1	Multi gas monitor	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8.2	Rescue harness per entrant	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8.3	Rescue tripods & winches	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8.4	Mechanical ventilation, extraction & air movement equipment	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8.5	Emergency rescue escape sets (for medium & high risk works).	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8.6	Means of communication (e.g. Radio)	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Ref	Description	KCE	Sub-Contractor
9	MEP Specific Attendances (only to extent applicable for the SC Works)		
9.1	Provision of power for testing & commissioning	<input type="checkbox"/>	<input type="checkbox"/>
9.2	Provision of water for testing & commissioning	<input type="checkbox"/>	<input type="checkbox"/>
9.3	Disposal of water for testing & commissioning	<input type="checkbox"/>	<input type="checkbox"/>
9.4	Provision of concrete plinths for MEP support	<input type="checkbox"/>	<input type="checkbox"/>
9.5	Provision of other MEP support - steelwork, service pads and the like (to extent applicable to SC Works)	<input type="checkbox"/>	<input type="checkbox"/>
9.6	Antivibration pads / floating floors and the like (to the extent applicable to the SC Works)	<input type="checkbox"/>	<input type="checkbox"/>
9.7	Provision of spares & tools	<input type="checkbox"/>	<input type="checkbox"/>
9.8	Marking of BWIC openings	<input type="checkbox"/>	<input type="checkbox"/>
9.9	Preparation of builders work drawings prior to the works being undertaken	<input type="checkbox"/>	<input type="checkbox"/>
9.10	SC to provide all necessary details and information for MC to prepare co-ordinated shop drawings	<input type="checkbox"/>	<input type="checkbox"/>
9.11	Sealant around services, sanitary ware, equipment etc.	<input type="checkbox"/>	<input type="checkbox"/>
9.12	Provision of fire extinguishers (permanent works)	<input type="checkbox"/>	<input type="checkbox"/>
9.13	Replacement of fused bulbs until handing over the works	<input type="checkbox"/>	<input type="checkbox"/>
9.14	Provision of acoustic requirements around services / service penetrations	<input type="checkbox"/>	<input type="checkbox"/>
9.15	Provision of manhole covers & frames ( Gratings / Covers etc inside pool )	<input type="checkbox"/>	<input type="checkbox"/>
9.16	Provision of temporary cap ends to drainage, vent & RW pipes during the works	<input type="checkbox"/>	<input type="checkbox"/>
9.17	Coring & drilling through walls & floors less than 200mm dia. (Where due to WM errors)	<input type="checkbox"/>	<input type="checkbox"/>
9.18	Coring & drilling through walls & floors greater than 200mm dia.	<input type="checkbox"/>	<input type="checkbox"/>
9.19	Chasing out walls & floors	<input type="checkbox"/>	<input type="checkbox"/>
9.20	Forming openings in new walls (subject to conformance with item 9.9)	<input type="checkbox"/>	<input type="checkbox"/>
9.21	Fire stopping generally	<input type="checkbox"/>	<input type="checkbox"/>
9.22	Fire stopping between MEP services & the service sleeve	<input type="checkbox"/>	<input type="checkbox"/>
9.23	Fire stopping between service sleeve and the opening	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>

Signed on behalf of the SC

Date



**APPENDIX 4  
BILL OF QUANTITIES**

EXTERNAL ACCESS ROAD (ENTRY & EXIT) FOR MIXED USE DEVELOPMENT ON PLOT NO. 346-6829 (BB.B03.018) AT BUSINESS BAY, DUBAI, U.A.E	BILL OF QUANTITIES GRAND SUMMARY	BILL SECTION e	PAGE Nr. e/1
DESCRIPTION			AMOUNT (AED)
<b>Section (d)</b>			
Part 1	General Items		314,500.00
Part 2	Ground Investigation		11,000.00
Part 3	Demolition and Site Clearance		8,932.80
Part 4	Earthworks		43,380.00
Part 5	Roads and Pavings		186,393.00
Part 6	Etisalat Works		10,500.00
Part 7	ETIC-Du / ITS Works		40,371.00
Part 8	DEWA (WD) Works		189,410.00
Part 9	DEWA (ED) Works		25,620.00
Part 10	Drainage Works		15,000.00
Part 11	Road Lighting Works		N/A
Part 12	Irrigation & Fire Fighting Works		191,105.00
Part 13	Sewerage Works		16,875.00
Part 14	Spare Ducts Works		15,855.00
<b>Sub Total - 1</b>			<b>1,068,941.80</b>
Special Discount			(25,000.00)
<b>Sub-total (3)</b>		AED.	<b>1,043,941.80</b>
<b>TOTAL AMOUNT OF BILL OF QUANTITIES</b>			<b>1,043,941.80</b>



EXTERNAL ACCESS ROAD (ENTRY & EXIT) FOR MIXED USE DEVELOPMENT ON PLOT NO. 346 6829 (BB.B03.018) AT BUSINESS BAY, DUBAI, U.A.E		BILL OF QUANTITIES GROUND INVESTIGATION			BILL SECTION d	PART Nr. 2	PAGE Nr. d/2/1
ITEM	ITEM DESCRIPTION	CESMM Ref.	UNIT	QTY	RATE Dhs	AMOUNT Dhs	
A	<p><b>PART 2 - GROUND INVESTIGATION</b></p> <p><b>Trial pits and trenches</b></p> <p>The contractor shall allow for any trial pits and trial trenches as required to recognize and expose existing services in accordance with specification and engineer's instruction.</p> <p><b>Additional Items</b></p> <p>The tenderer to list with in this bill section, any additional items with quantities (enumerated or itemized) and rates which are not measured elsewhere in the section but required to complete the WORKS as per CONTRACT.</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	B100	item	1	11,000.00	11,000.00	
Total for Part 2 - Ground Investigation Carried to Grand Summary						Dhs:	11,000.00



EXTERNAL ACCESS ROAD (ENTRY & EXIT) FOR MIXED USE DEVELOPMENT ON PLOT NO. 346-6829 (BB.B03.018) AT BUSINESS BAY, DUBAI, U.A.E		BILL OF QUANTITIES EARTHWORKS			BILL SECTION d	PART Nr. 4	PAGE Nr. d/4/1
ITEM	ITEM DESCRIPTION	CESMM4 Ref.	UNIT	QTY	RATE Dhs	AMOUNT Dhs	
	<b>PART 4 - EARTHWORKS</b>						
	<b>General excavation</b>						
A	Excavation for cuttings; material other than top soil, rock or artificial hard material	E220	m3	280	48.00	13,440.00	
	<b>Excavation ancillaries</b>						
B	Preparation of excavated surface; Material other than top soil, rock or artificial hard material	E522	m2	1,030	8.00	8,240.00	
C	Disposal of excavated material, material other than top soil, rock or artificial hard material	E532	m3	280	77.50	21,700.00	
	<b>Additional Items</b>						
	The tenderer to list within this bill section, any additional items with quantities (enumerated or itemized) and rates which are not measured elsewhere in the section but required to complete the WORKS as per CONTRACT.						
	.....						
	.....						
	.....						
	.....						
<b>Total for Part 4 - Earthwork Carried to Grand Summary</b>						Dhs:	43,380.00

EXTERNAL ACCESS ROAD (ENTRY & EXIT) FOR MIXED USE DEVELOPMENT ON PLOT NO. 346-6829 (BB.B03.018) AT BUSINESS BAY, DUBAI, U.A.E		BILL OF QUANTITIES ROADS AND PAVINGS			BILL SECTION d	PART Nr. 5	PAGE Nr. d/5/1
ITEM	ITEM DESCRIPTION	CESMM4 Ref.	UNIT	QTY	RATE Dhs	AMOUNT Dhs	
	<b>PART 5 - ROADS AND PAVINGS</b>						
	<b>Kerbs, channels and edging</b>						
	<u>Kerbs and edging including excavation, back filling, Concrete bed and backing as per detail drawing</u>						
A	Precast concrete up stand kerbs; Straight or curve to radius exceeding 12m; (150 x 305mm)	R711.1	m	200	110.00	22,000.00	
B	Precast concrete flush kerb 150 x 210mm	R711.2	m	120	90.00	10,800.00	
C	Precast concrete heel kerb 75 x 150mm	R711.3	m	160	45.00	7,200.00	
D	Precast concrete dropped kerb 300 x 150 mm	R794	m	15	91.00	1,365.00	
E	Precast concrete up stand kerbs; curved to radius not exceeding 12m; (150 x 305mm)	R792	m	20	114.45	2,289.00	
	<b>Light Duty Pavements</b>						
F	Aggregate Sub base, depth 150mm; CBR ≥ 30%	R193	m <sup>2</sup>	650	32.00	20,800.00	
G	Aggregate Sub base, depth 200mm; CBR ≥ 30%	R195	m <sup>2</sup>	380	38.00	14,440.00	
H	Aggregate Road base, depth 200mm; CBR ≥ 80%	R295	m <sup>2</sup>	380	40.00	15,200.00	
	<u>Precast concrete interlocking block paving; Including crushed sand bed; the colour and patterns of the paving blocks as specified by the Engineer</u>						
J	Precast concrete interlocking block 60 mm thick including 40mm thick crushed sand bed (Pedestrian Path)	R750.1	m <sup>2</sup>	650	62.00	40,300.00	
K	Precast concrete interlocking block 80 mm thick including 50mm thick crushed sand bed (Vehicular Path)	R750.2	m <sup>2</sup>	380	65.00	24,700.00	
L	Fill in 40-50mm gap between existing road and new kerb with concrete and AC wearing course including saw cutting, removal of asphalt pavement, tack coat etc. complete.	R690	m	115	125.00	14,375.00	
<b>Total Carried to Part 5 Summary</b>						Dhs.	173,469.00

EXTERNAL ACCESS ROAD (ENTRY & EXIT) FOR MIXED USE DEVELOPMENT ON PLOT NO. 346-6829 (BB.B03.018) AT BUSINESS BAY, DUBAI, U.A.E		BILL OF QUANTITIES ROADS AND PAVINGS			BILL SECTION d	PART Nr. 5	PAGE Nr. d/5/2
ITEM	ITEM DESCRIPTION	CESMM4 Ref.	UNIT	QTY	RATE Dhs	AMOUNT Dhs	
	<b>PART 5 - ROADS AND PAVINGS (Cont'd..)</b>						
	<b>Ancillaries - Traffic signs</b>						
	<b>Traffic signs</b>						
A	Octagonal sign panel; size H=600mm on 2.1m high post Sign Type (301)	R811.1	nr	1	800.00	800.00	
B	Triangular sign panel; dia.750mm on 2.1m high post Sign Type (302)	R811.2	nr	5	800.00	4,000.00	
C	Rectangular sign panel; size 350x 600mm on 2.1m high post Sign Type (453.1)	R811.3	nr	1	800.00	800.00	
	<b>Non-illuminated warning and regulatory signs fixed on sharing posts (post measured elsewhere) as per the RTA Traffic Control Devices Manual.</b>						
D	Rectangular sign panel	R811.4	nr	6	563.00	3,378.00	
	<b>Ancillaries - Surface marking</b>						
	<b>Surface marking</b>						
	<b>Thermo plastic road marking as per the RTA Traffic Control Devices Manual.</b>						
E	Straight arrow signs; reference type 614.1	R823.1	nr	1	163.00	163.00	
F	Right turn arrow signs; refer. types 614.2 / 614.3	R823.2	nr	1	188.00	188.00	
G	White continuous lines;300 mm wide; type 601	R824	m	15	19.00	285.00	
H	White intermittent lines; 300 mm wide; type 602	R825.1	m	10	19.00	190.00	
J	Pedestrian crossing; 500mm wide; type 603	R825.2	m	30	19.00	570.00	
K	Sand blast and remove existing road marking complete as directed by the Engineer	R829.1	m <sup>2</sup>	10	75.00	750.00	
	<b>Painting</b>						
L	Chlorinated rubber based quick drying paint (black and white) applied in two coats to exposed faces of concrete up stand kerbs	R829.2	m <sup>2</sup>	60	30.00	1,800.00	
	<b>Additional Items</b>						
	The tenderer to list with in this bill section, any additional items with quantities (enumerated or itemized) and rates which are not measured elsewhere in the section but required to complete the WORKS as per CONTRACT.						
	.....						
	.....						
	.....						
<b>Total Carried to Part 5 Summary</b>						<b>Dhs.</b>	<b>12,924.00</b>

EXTERNAL ACCESS ROAD (ENTRY & EXIT) FOR MIXED USE DEVELOPMENT ON PLOT NO. 346-6829 (BB.B03.018) AT BUSINESS BAY, DUBAI, U.A.E		BILL OF QUANTITIES ROADS AND PAVINGS		BILL SECTION d	PART Nr. 5	PAGE Nr. d/5/3
ITEM	ITEM DESCRIPTION	CESMM4 Ref.	UNIT	QTY	RATE Dhs	AMOUNT Dhs
<b>PART 5 -ROADS AND PAVINGS (Cont'd..)</b>						
<u>Part 5 Summary</u>						
	Page d/5/1					173,469.00
	Page d/5/2					12,924.00
Total for Part 5 - Roads and Pavings Carried to Grand Summary					Dhs.	186,393.00

EXTERNAL ACCESS ROAD (ENTRY & EXIT) FOR MIXED USE DEVELOPMENT ON PLOT NO. 346-6829 (BB.B03.018) AT BUSINESS BAY, DUBAI, U.A.E		BILL OF QUANTITIES ETISALAT WORKS			BILL SECTION d	PART Nr. 6	PAGE Nr. d/6/1
ITEM	ITEM DESCRIPTION	CESMM4 Ref.	UNIT	QUANTITY	RATE Dhs	AMOUNT Dhs	
	<u>PART 6 - ETISALAT WORKS</u>						
	<u>MISCELLANEOUS WORK</u>						
	<u>Protection</u>						
	<u>Protection of existing Etisalat duct, including excavate to exposing the existing Etisalat duct, and backfilling as per the Engineer approval</u>						
	<u>Cast in situ plain Concrete Class 25/20 around the existing Etisalat duct</u>						
A	Existing duct	L541	m	35	300.00	10,500.00	
	<u>Additional Items</u>						
	The tenderer to list with in this bill section, any additional items with quantities (enumerated or itemized) and rates which are not measured elsewhere in the section but required to complete the WORKS as per CONTRACT.						
1	Relocation of JRC Manhole		nr	1	9,350.00	Rate Only	
	.....						
	.....						
	.....						
<b>Total for Part 6 - Etisalat Works Carried to Grand Summary</b>						Dhs.	10,500.00

EXTERNAL ACCESS ROAD (ENTRY & EXIT) FOR MIXED USE DEVELOPMENT ON PLOT NO. 346 6829 (BB.B03.018) AT BUSINESS BAY, DUBAI, U.A.E		BILL OF QUANTITIES ETIC-DU / ITS WORKS		BILL SECTION d	PART Nr.	PAGE Nr. d/7/1
ITEM	ITEM DESCRIPTION	CESMM4 Ref.	UNIT	QTY	RATE Dhs	AMOUNT Dhs
	<b>PART 7 - ETIC-DU WORKS</b>					
	<b>Notes:</b>					
	Du will provide all ducts, spacers and furniture for manholes and joint boxes, the tenderer shall include in his rate for collection and storage of these materials from Du stores in Dubai					
	Contractor is reminded to exercise extreme caution when working near Fiber Optic and Coaxial Cable Routes					
	<b>MISCELLANEOUS WORK</b>					
	Demolish existing redundant reinforced concrete joint box and manhole and cart to tip; including backfilling and compaction with suitable material					
A	JRC	D900	nr	1	1,396.00	1,396.00
	<b>PIPEWORK - MANHOLES &amp; PIPEWORK</b>					
	<b>ANCILLARIES</b>					
	<b>Manholes</b>					
	Reinforced concrete joint boxes complete in accordance with Specifications and Drawings.					
B	Type JRC	K231	nr	1	6,875.00	6,875.00
	<b>PIPE WORK - SUPPORTS AND PROTECTION,</b>					
	<b>ANCILLARIES TO LAYING AND EXCAVATION</b>					
	<b>Protection</b>					
	Protection of existing Du duct, including excavate to exposing the existing duct, and backfilling as per the Engineer approval					
	Cast in situ plain Concrete Class 25/20 around the existing Du duct					
C	Existing duct	L541	m	35	300.00	10,500.00
	<b>Additional Items</b>					
	The tenderer to list with in this bill section, any additional items with quantities (enumerated or itemized) and rates which are not measured elsewhere in the section but required to complete the WORKS as per CONTRACT.					
A	Concrete Surround for exisitingg ITS Line		m	42	300.00	12,600.00
B	Relocation of MRC MANHOLE		m	1	9,000.00	9,000.00
<b>Total for Part 7 - ETIC-Du / ITS Works Carried to Grand Summary</b>					Dhs:	40,371.00

EXTERNAL ACCESS ROAD (ENTRY & EXIT) FOR MIXED USE DEVELOPMENT ON PLOT NO. 346-6829 (BB.B03.018) AT BUSINESS BAY, DUBAI, U.A.E		BILL OF QUANTITIES DEWA (WD) WORKS		BILL SECTION d	PART Nr. 8	PAGE Nr. d/8/1
ITEM	ITEM DESCRIPTION	CESMM4 Ref.	UNIT	QTY	RATE Dhs	AMOUNT Dhs
	<u>PART 8 - DEWA (WD) WORKS</u>					
	Removal of Pipeline					
	<u>Carefully excavate around existing redundant water supply pipelines, remove pipes and fittings, deliver to DEWA Stores and backfill trench with suitable material including reinstatement.</u>					
A	300mm diameter pipe	D610.2	m	40	430.00	17,200.00
<b>Total Carried to PART 8 Summary</b>					Dhs.	17,200.00

EXTERNAL ACCESS ROAD (ENTRY & EXIT) FOR MIXED USE DEVELOPMENT ON PLOT NO. 346-6829 (BB.B03.018) AT BUSINESS BAY, DUBAI, U.A.E		BILL OF QUANTITIES DEWA (WD) WORKS		BILL SECTION d	PART Nr. 8	PAGE Nr. d/8/2
ITEM	ITEM DESCRIPTION	CESMM4 Ref.	UNIT	QTY	RATE Dhs	AMOUNT Dhs
	<b>PART 8 - DEWA (WD) WORKS (CONT'D..)</b>					
	<b>PIPEWORK - PIPES</b>					
	<u>Supply and Lay Self-restrained GRE pipes in trench with couplings including excavation, backfilling, etc. on previously excavated trench with necessary modification.</u>					
A	300mm diameter depth not exceeding 1.5m	I921	m	10	1,170.00	11,700.00
	<u>Supply and Lay Self-restrained GRE pipes not in trench with couplings including excavation, backfilling, etc. on previously excavated trench with necessary modification.</u>					
B	300mm diameter depth not exceeding 1.5m	I922	m	30	1,170.00	35,100.00
	<b>PIPEWORK - MANHOLES &amp; PIPEWORK ANCILLARIES</b>					
	<b>Connection to existing line</b>					
	<u>Connect new GRE pipe to existing pipe line in the same direction (on both side of the each location to be considered as one connection), including necessary fittings (Bend, Tees &amp; Joints), additional excavation, and backfilling etc and complete all in respects in accordance with DEAW Requirements</u>					
C	Connection of 300mm dia. pipeline to existing pipeline 300mm dia.	K862	nr	3	29,000.00	87,000.00
Total Carried to PART 8 Summary					Dhs.	133,800.00

EXTERNAL ACCESS ROAD (ENTRY & EXIT) FOR MIXED USE DEVELOPMENT ON PLOT NO. 346-6829 (BB.B03.018) AT BUSINESS BAY, DUBAI, U.A.E		BILL OF QUANTITIES DEWA (WD) WORKS			BILL SECTION d	PART Nr.	PAGE Nr. d/8/3
ITEM	ITEM DESCRIPTION	CESMM4 Ref.	UNIT	QTY	RATE Dhs	AMOUNT Dhs	
	<b>PART 8 - DEWA (WD) WORKS (CONT'D..)</b>						
	<b>PIPE WORK - SUPPORTS AND PROTECTION, ANCILLARIES TO LAYING AND EXCAVATION</b>						
	<b>Beds and Surrounds</b>						
	<u>sand material bed</u>						
A	300mm diameter	L312	m	10	28.00	280.00	
	Selected excavated material surrounds including laying of warning tapes, etc.						
B	300mm diameter	L522	m	10	33.00	330.00	
	<b>Protection</b>						
	<u>Stiffness and fully laminated with reinforced concrete encasement protection. As per Drawings &amp; Standards. As directed by Engineer.</u>						
C	300mm diameter pipe	L552	m	30	1,260.00	37,800.00	
	<b>Additional Items</b>						
	The tenderer to list with in this bill section, any additional items with quantities (enumerated or itemized) and rates which are not measured elsewhere in the section but required to complete the WORKS as per CONTRACT. Supply and install Steel sleeve including spacer, rollers, brackets, grouting complete as detailed on DEWA-Standard and specifications. For 300mm GRF Pipe		m	1	3,200.00	3,200.00	Rate Only
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<b>Total Carried to PART 8 Summary</b>						Dhs.	38,410.00

EXTERNAL ACCESS ROAD (ENTRY & EXIT) FOR MIXED USE DEVELOPMENT ON PLOT NO. 346-6829 (BB.B03.018) AT BUSINESS BAY, DUBAI, U.A.E		BILL OF QUANTITIES DEWA (WD) WORKS			BILL SECTION d	PART Nr. 8	PAGE Nr. d/8/4
ITEM	ITEM DESCRIPTION	CESMM4 Ref.	UNIT	QTY	RATE Dhs	AMOUNT Dhs	
	<u>PART 8 - DEWA (WD) WORKS (CONT'D..)</u>						
	<u>PART 8 Summary</u>						
	Page d/8/1					17,200.00	
	Page d/8/2					133,800.00	
	Page d/8/3					38,410.00	
<b>Total for PART 8 - DEWA (WD) Works Carried to Grand Summary</b>						Dhs.	189,410.00

EXTERNAL ACCESS ROAD (ENTRY & EXIT) FOR MIXED USE DEVELOPMENT ON PLOT NO. 346-6829 (BB.B03.018) AT BUSINESS BAY, DUBAI, U.A.E		BILL OF QUANTITIES DEWA (ED) WORKS		BILL SECTION d	PART Nr. 9	PAGE Nr. d/9/1
ITEM	ITEM DESCRIPTION	CESMM4 Ref.	UNIT	QTY	RATE Dhs	AMOUNT Dhs
	<u>PART 9 - DEWA (ED) WORKS</u>					
	<u>PIPEWORK - MANHOLES AND PIPE WORKS</u>					
	<u>ANCILLARIES</u>					
	<u>Duct works</u>					
	<u>Supply and lay 'uPVC' duct in trench in trench beneath carriageways including excavation, backfilling ,ropes, endcap and duct markers as specified</u>					
A	4 way 150mm uPVC duct; depth not exceeding 1.5m	K542	m	35	700.00	24,500.00
	<u>PIPE WORK - SUPPORTS AND PROTECTION,</u>					
	<u>ANCILLARIES TO LAYING AND EXCAVATION</u>					
	<u>Beds &amp; surrounds</u>					
	<u>Selected excavated material bed and surrounds including laying of warning tapes;</u>					
B	4 way 150mm dia. Duct	L521	m	35	32.00	1,120.00
	<u>Additional Items</u>					
	The tenderer to list with in this bill section, any additional items with quantities (enumerated or itemized) and rates which are not measured elsewhere in the section but required to complete the WORKS as per CONTRACT.					
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<b>Total for Part 9 - DEWA (ED) Works Carried to Grand Summary</b>					<b>Dhs.</b>	<b>25,620.00</b>

EXTERNAL ACCESS ROAD (ENTRY & EXIT) FOR MIXED USE DEVELOPMENT ON PLOT NO. 346 6829 (BB.B03.018) AT BUSINESS BAY, DUBAI, U.A.E		BILL OF QUANTITIES DRAINAGE WORKS			BILL SECTION d	PART Nr. 10	PAGE Nr. d/10/1
ITEM	ITEM DESCRIPTION	CESMM4 Ref.	UNIT	QUANTITY	RATE Dhs	AMOUNT Dhs	
	<b>PART 10 - DRAINAGE WORKS</b>  <b>PIPE WORK - SUPPORTS AND PROTECTION, ANCILLARIES TO LAYING AND EXCAVATION</b>  <b>Relocate Existing Gully</b>  A Remove & Refixing of set a side gully ,including all related earth works connections , fittings, painting, etc, complete						
A	Remove & Refixing of set a side gully ,including all related earth works connections , fittings, painting, etc, complete	K900	nr	4	3,750.00	15,000.00	
	<b>Additional Items</b>  The tenderer to list with in this bill section, any additional items with quantities (enumerated or itemized) and rates which are not measured elsewhere in the section but required to complete the WORKS as per CONTRACT.  ..... ..... ..... .....						
<b>Total for Part 10 - Drainage Works Carried to Grand Summary</b>						Dhs.	15,000.00

EXTERNAL ACCESS ROAD (ENTRY & EXIT) FOR MIXED USE DEVELOPMENT ON PLOT NO. 346-6829 (BB.B03.018) AT BUSINESS BAY, DUBAI, U.A.E		BILL OF QUANTITIES IRRIGATION WORKS			BILL SECTION d	PART Nr. 12	PAGE Nr. d/12/1
ITEM	ITEM DESCRIPTION	CESMM4 Ref.	UNIT QUANTITY		RATE Dhs	AMOUNT Dhs	
	<u>PART 12 - IRRIGATION WORK</u>						
	<u>PIPEWORK - MANHOLES AND PIPEWORK</u>						
	<u>ANCILLARIES</u>						
	Removal of Pipeline						
	<u>Carefully excavate, expose and remove existing pipes and dispose to approved location/ or hand over to service authority; including all fittings, thrust blocks, necessary earth works reinstatement of the existing surface, etc.</u>						
A	Pipe nominal bore 200mm	D610	m	70	350.00	24,500.00	
Total Carried to Part 12 Summary						Dhs.	24,500.00

EXTERNAL ACCESS ROAD (ENTRY & EXIT) FOR MIXED USE DEVELOPMENT ON PLOT NO. 346-6829 (BB.B03.018) AT BUSINESS BAY DUBAI U.A.E		BILL OF QUANTITIES ROAD LIGHTING WORKS			BILL SECTION d	PART Nr.	PAGE Nr. d/12/2
ITEM	ITEM DESCRIPTION	CESMM4 Ref.	UNIT	Qty	RATE Dhs	AMOUNT Dhs	
	<b>PART 12 - IRRIGATION WORK (CONT'D)</b>						
	<b>PIPEWORK - PIPES</b>						
	Supply and lay Self-restrained GRP pipes in trench including couplings, all accessories, excavation, backfilling, compaction, warning tapes and necessary testing, cleaning, handing over to DM Irrigation department, etc. all as per DM Irrigation department standards & specification.						
A	200mm dia. GRP pipe; depth 1.5	I512	m	70	800.00	56,000.00	
	<b>PIPE WORK - SUPPORTS AND PROTECTION, ANCILLARIES TO LAYING AND EXCAVATION</b>						
	<b>Connection to existing line</b>						
	Connect new pipe to existing pipe line in the same direction with self restrained at the joints (on both side of the each location to be considered as one connection), including necessary fittings, additional excavation, and backfilling etc.						
B	Connection of 200mm dia. pipe to existing pipeline dia. 200mm depth not exceeding 1.5m	K863	nr	3	20,000.00	60,000.00	
	<b>Bed and surround to Pipes</b>						
	Granular bed & surround to pipes including laying of warning tapes; etc. as per detail drawings, Engineer approval and the Drainage & Irrigation department Requirements						
C	200mm dia pipe.	L531	m	15	84.00	1,260.00	
	<b>Wrapping and lagging</b>						
	Geotextile filter fabric around the granular surround to irrigation pipes as detailed on drawings						
D	200mm dia pipe.	L601	m	15	19.00	285.00	
	<b>Protection</b>						
	Stiffness and fully laminated with reinforced concrete encasement protection. As per Drawings & Standards. As directed by Engineer.						
E	200mm diameter pipe	L551	m	55	892.00	49,060.00	
	<b>Additional Items</b>						
	The tenderer to list with in this bill section, any additional items with quantities (enumerated or itemized) and rates which are not measured elsewhere in the section but required to complete the WORKS as per CONTRACT.						
Total Carried to Part 12 Summary						Dhs.	166,605.00

EXTERNAL ACCESS ROAD (ENTRY & EXIT) FOR MIXED USE DEVELOPMENT ON PLOT NO. 346-6829 (BB.B03.018) AT BUSINESS BAY, DUBAI, U.A.E.		BILL OF QUANTITIES ROAD LIGHTING WORKS			BILL SECTION d	PART Nr.	PAGE Nr. d/12/3
ITEM	ITEM DESCRIPTION	CESMM4 Ref.	UNIT	Qty	RATE Dhs	AMOUNT Dhs	
<u>PART 12 - IRRIGATION WORK (CONT'D)</u>							
<u>Part 11 Summary</u>							
Page d/12/1						24,500.00	
Page d/12/2						166,605.00	
Total for Part 12 - Irrigation Works Carried to Grand Summary						Dhs:	191,105.00



EXTERNAL ACCESS ROAD (ENTRY & EXIT) FOR MIXED USE DEVELOPMENT ON PLOT NO. 346-6829 (BB.B03.018) AT BUSINESS BAY, DUBAI, U.A.E		BILL OF QUANTITIES SPARE DUCTS WORKS			BILL SECTION d	PART Nr. 14	PAGE Nr. d/14/1
ITEM	ITEM DESCRIPTION	CESMM4 Ref.	UNIT	QUANTITY	RATE Dhs	AMOUNT Dhs	
	<u>PART 14 - SPARE DUCTS WORKS</u>  <u>PIPEWORK - MANHOLES AND PIPEWORK</u> <u>ANCILLARIES</u>  Supply and lay uPVC spare ducts in trench including end caps, draw ropes, studs and concrete duct markers as specified  <u>Depth not exceeding 1.5m</u>						
A	Two way 200mm dia duct	K522	m	35	426.00	14,910.00	
	<u>PIPE WORK - SUPPORTS AND PROTECTION,</u> <u>ANCILLARIES TO LAYING AND EXCAVATION</u>  <u>Bed &amp; surrounds</u>  Selected excavated material bed and surrounds including laying of warning tapes;						
B	Two way 200mm dia duct	L521	m	35	27.00	945.00	
	<u>Additional Items</u>  The tenderer to list with in this bill section, any additional items with quantities (enumerated or itemized) and rates which are not measured elsewhere in the section but required to complete the WORKS as per CONTRACT.  ..... ..... ..... .....						
<b>Total for Part 14 - Spare Ducts Works Carried to Grand Summary</b>						Dhs.	15,855.00