

PRE-BID CLARIFICATION NO. 6

**COMPANY'S RESPONSE TO BIDDERS' CLARIFICATIONS ON TENDER DOCUMENT FOR
HIRING THE SERVICES OF PCC CONTRACTOR FOR SUPPLY / INSTALLATION / CIVIL FOUNDATIONS FOR
MISCELLANEOUS EQUIPMENTS & PLANT BUILDING WORKS FOR MELA DEVELOPMENT PROJECT (PCC)
(TENDER ENQUIRY NO. PROC-FC/CB/PROJ/MELA-3368/2018)**

Sr. No.	BIDDERS' QUERY	REFERENCE	COMPANY REPLY / CLARIFICATION
1.	Kindly provide the details, drawings and quantity required for pipe supports as there is no line item available for pipe supports in BOQ. It was communicated during site visit that this information will be provided.	BOQ for Process & Fire Fighting Piping Works	For details of pipe supports Refer Page 625/653 item # 1.6 of 165-2-BQC-002, Rev. 1. Further to the clarification, please note that Bidder to quote as per details mentioned in 165-2-BQC-001, Rev. 0. e.g.: 1.6 (a) of 165-2-BQC-002, Rev. 1 mentions EXCAVATION AS PER ITEM NO. 1.1; which means item # 1.1 of 165-2-BQC-001, Rev. 0 which details out the excavation requirements. Same will be applied for rest of the items.
2.	According to the Pre-bid clarification-01 “Space for PCC contractor offices, accommodation and warehouse will be provided by client on rental basis”. It is our understanding that space for contractor offices, accommodation, warehouse and fabrication shop will be provided by the client on rental basis within the boundary of the plant area. Please confirm.	Pre-bid clarification-01 Point#12	OGDCL clarified that Space for PCC contractor technical offices, warehouse and fabrication shop will be provided by client at Mela Project Site and no rent will be charged. Space for PCC contractor accommodation will not be provided and contractor may please arrange accommodation outside Mela Project site by his own resources. After completion of the project, cleaning and reinstating of these areas, shall also be the responsibility of Contractor.
3.	Kindly provide the details for the rent per month for the land provided by the client for contractors TSF and camps.	Pre-bid clarification-01 Point#12	See point no.2 above.
4.	It is our understanding that number of sprinklers/Nozzles required for the fire fighting system shall be estimated by the contractor as there is no line item provided in BOQ for sprinklers/Nozzles. Please confirm. Also advise where to consider this price in the price schedule.	BOQ for Process & Fire Fighting Piping Works	Sprinklers / Nozzles required for the fire fighting system shall be estimated by the contractor as per the Scope mentioned in Tender Document. Bidder to quote this in section 9.0 of 165-2-BQM-001, Rev. 1

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			Bidder are requested to go through the Tender Document carefully, all details are already mentioned in page 32 of 1625 Clause 3.3.2 (Firewater / Fire Fighting System) of 165-2-SPG-130, Rev. 0.																																																						
5.	<p>There are two painting systems given for tanks;</p> <p>1- 1st in Painting specifications 165-2-SPM-013,Rev-1 following tables has been given for tanks painting.</p> <p>7.1 <u>Tank External Surfaces (Shell & Roof)</u></p> <p><u>Tank shell</u></p> <table border="1" data-bbox="302 600 911 759"> <tr> <td>First Coat</td> <td>Inorganic Zinc Silicate</td> <td>40-50 microns DFT</td> </tr> <tr> <td>Second Coat</td> <td>Inorganic Zinc Silicate</td> <td>40-50 microns DFT</td> </tr> <tr> <td>Third Coat</td> <td>Alkyd Enamel</td> <td>20-25 microns DFT</td> </tr> <tr> <td>Fourth Coat</td> <td>Alkyd Enamel</td> <td>20-25 microns DFT</td> </tr> <tr> <td colspan="2">Total Thickness</td> <td>120 microns minimum 150 microns maximum</td> </tr> </table> <p><u>Tank Roof Surfaces</u></p> <table border="1" data-bbox="302 829 911 989"> <tr> <td>First Coat</td> <td>Coal Tar Epoxy (Black)</td> <td>65-75 Microns</td> </tr> <tr> <td>Second Coat</td> <td>Coal Tar Epoxy (Brown)</td> <td>65-75 Microns</td> </tr> <tr> <td>Third Coat</td> <td>Hi-Build Epoxy Finish</td> <td>45-55 Microns</td> </tr> <tr> <td>Fourth Coat</td> <td>Hi-Build Epoxy Finish</td> <td>45-55 Microns</td> </tr> <tr> <td colspan="2">Total Thickness</td> <td>220 microns minimum 260 microns maximum</td> </tr> </table> <p><u>Tank Internal Surface</u></p> <p>Topside of the bottom plates, and lower 2 meter of shell plate, and equal height of the internal piping/structure columns shall be painted as under:</p> <table border="1" data-bbox="250 1145 878 1283"> <tr> <td>First Coat</td> <td>Epoxy Zinc Phosphate Primer</td> <td>75-80 microns DFT</td> </tr> <tr> <td>Second Coat</td> <td>High Build Epoxy White</td> <td>125-130 microns DFT</td> </tr> <tr> <td>Third Coat</td> <td>High Build Epoxy White</td> <td>125-130 microns DFT</td> </tr> <tr> <td colspan="2">Total Thickness</td> <td>325 microns minimum 340 microns maximum</td> </tr> </table> <p><u>Underside of The Tank Bottom Plates</u></p> <table border="1" data-bbox="250 1347 878 1453"> <tr> <td>First Coat</td> <td>Coaltar Epoxy</td> <td>75-80 microns DFT</td> </tr> <tr> <td>Second Coat</td> <td>Coaltar Epoxy</td> <td>75-80 microns DFT</td> </tr> <tr> <td>Third Coat</td> <td>Coaltar Epoxy</td> <td>75-80 microns DFT</td> </tr> <tr> <td colspan="2">Total Thickness</td> <td>225-240 microns</td> </tr> </table>	First Coat	Inorganic Zinc Silicate	40-50 microns DFT	Second Coat	Inorganic Zinc Silicate	40-50 microns DFT	Third Coat	Alkyd Enamel	20-25 microns DFT	Fourth Coat	Alkyd Enamel	20-25 microns DFT	Total Thickness		120 microns minimum 150 microns maximum	First Coat	Coal Tar Epoxy (Black)	65-75 Microns	Second Coat	Coal Tar Epoxy (Brown)	65-75 Microns	Third Coat	Hi-Build Epoxy Finish	45-55 Microns	Fourth Coat	Hi-Build Epoxy Finish	45-55 Microns	Total Thickness		220 microns minimum 260 microns maximum	First Coat	Epoxy Zinc Phosphate Primer	75-80 microns DFT	Second Coat	High Build Epoxy White	125-130 microns DFT	Third Coat	High Build Epoxy White	125-130 microns DFT	Total Thickness		325 microns minimum 340 microns maximum	First Coat	Coaltar Epoxy	75-80 microns DFT	Second Coat	Coaltar Epoxy	75-80 microns DFT	Third Coat	Coaltar Epoxy	75-80 microns DFT	Total Thickness		225-240 microns		Bidder to follow the specification for painting 165-2-SPM-013 Rev. 1.
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	<p>2- In BOQ for tanks following specifications for tanks painting has been given:</p> <p>a- SUPPLY OF ALL MATERIALS, SURFACE PREPARATION BY SAND BLASTING TO S.A. 2 1/2 AND PAINTING OF TANKS WHICH INCLUDES 2 COATS OF RED OXIDE (LEAD FREE) PRIMER (40-45 MICRONS EACH) FOLLOWED BY TWO COATS OF ALKYD ENAMEL (20-25 MICRONS EACH) GIVING A TOTAL DRY FILM THICKNESS (DFT) OF 125 MICRONS MINIMUM ON EXTERNAL SURFACES (INCLUDING ALL NOZZLES ETC.) OF THE FOLLOWING TANK ACCORDING TO SPECIFICATIONS AND TO THE ENTIRE SATISFACTION OF THE OWNER'S REPRESENTATIVE.</p> <p>b- SUPPLY OF ALL MATERIALS, SURFACE PREPARATION BY SAND BLASTING TO S.A. 2 1/2 AND APPLICATION OF 3 COATS OF COALTAR EPOXY (125 MICRONS EACH) GIVING A TOTAL DRY FILM THICKNESS OF 375 MICRONS. ON UNDER SIDE OF BOTTOM PLATES AND INTERNAL PAINTING ON INSIDE OF TANK SHELL HEIGHT FOR THE FIRE WATER TANK.</p> <p>c- SUPPLY OF ALL MATERIALS, SURFACE PREPARATION BY SAND BLASTING TO S.A. 2 1/2 AND APPLICATION OF 3 COATS OF EPOXY ULTRABUILD LINER (125 MICRONS EACH) GIVING A TOTAL DRY FILM THICKNESS OF 375 MICRONS. ON UNDER SIDE OF BOTTOM PLATES AND INTERNAL PAINTING ON 1 METER OF SHELL HEIGHT FOR THE FOLLOWING TANK</p> <p>Please clarify which painting system should be used for tanks painting.</p>		
6.	Kindly extend the bid submission date by two weeks.	General	OGDCL has extended the bid submission date to 6 th Aug 2018.