

Document Review Form

Document No: HWI-IRI1-EL-MTS-0033-01 **Title:** Material Submittal **Review No:** 01
Company: G42 **Project:** IRI1 **Project No:** DB70183
Submittal Status: **For Review:** **For Information:**
Document Scope: To review and comment on Material Submittal for **GI CONDUIT & ACCESSORIES - ITCC**

No.	SUBMISSION	Comment	Status
1	HWI-IRI1-EL-MTS-0033-01	<p>Sudlows Rev 0 comment: Bar saddle proposed in this submittal is not recommended. HDG Distance saddle shall be used.</p> <p>Huawei Rev 01 response: Contractor to note. Distance saddle shall be proposed Item Codes : B-SD0320 (20mm), B-SD0325(25mm), B-SD0332(32mm)</p>	B
2	HWI-IRI1-EL-MTS-0033-01	<p>Sudlows Rev 01 comment: Noted</p> <p>Sudlows Rev 0 comment: GI conduit selection to be Rigid Steel Class 4 only, all accessories and fittings to be HDG.</p> <p>Huawei Rev 01 response: Proposed GI Conduits are of Class 4 Type. Accessories and Fittings are of HDG. However the Circular Lids are pre-Glvanized.</p>	B
3	HWI-IRI1-EL-MTS-0033-01	<p>Sudlows Rev 01 comment: Noted</p> <p>Sudlows Rev 0 comment: Sizes of conduits shall be as per approved shop drawings. Quantity shall be as per approved shop drawings and site conditions.</p> <p>Huawei Rev 01 response: Comply by Contractor</p>	B
4	HWI-IRI1-EL-MTS-0033-01	<p>Sudlows Rev 01 comment: Shop drawings to be submitted.</p> <p>Sudlows Rev 0 comment: Contractor should provide the standard 10 years warranty certificate against rust and corrosion for the whole installations of metallic conduits and accessories in the project.</p> <p>Huawei Rev 01 response:</p>	B

Warranty certificate shall be submitted along with the delivery of materials.

		<p>Sudlows Rev 01 comment: Noted. Original copies to be submitted upon close out submittals.</p>	
5	HWI-IRI1-EL-MTS-0033-01	<p>Sudlows Rev 0 comment: Local supplier's commercial license expiry date is on 27/10/2020, should be renewed on time and copy to be submitted upon delivery. Contractor/supplier responsible to deliver the approved materials at site according to the base line program and project requirements.</p> <p>Huawei Rev 01 response: Renewed Trade License attached.</p>	B
6	HWI-IRI1-EL-MTS-0033-01	<p>Sudlows Rev 01 comment: Noted. Delivery schedules to be coordinated.</p> <p>Sudlows Rev 0 comment: Conduit in unconditioned and unfinished areas eg. Plant rooms, electrical rooms, etc., to be painted with one coat of metal primer after installation</p> <p>Huawei Rev 01 response: Comply by contractor</p>	B
7	HWI-IRI1-EL-MTS-0033-01	<p>Sudlows Rev 1 comment: Subject to comply at site.</p> <p>Sudlows Rev 0 comment: The sizes shall be as required, in condition that maximum 30% space can be used for wires and 70% space shall be empty.</p> <p>Huawei Rev 01 response: Comply by contractor</p>	B
8	HWI-IRI1-EL-MTS-0033-01	<p>Sudlows Rev 01 comment: Noted</p> <p>Sudlows Rev 0 comment: Test reports, galvanizing certificates, to be provided along with material delivery.</p> <p>Huawei Rev 01 response: <u>Shall be provided along with delivery</u></p>	B
9	HWI-IRI1-EL-MTS-0033-01	<p>Sudlows Rev 01 comment: Reports and certificates to be provided for every lot of delivery.</p> <p>Sudlows Rev 0 comment: Country of origin, bill of lading, factory test reports to be submitted for MIR.</p>	B

		Huawei Rev 01 response: Shall be provided along with delivery	
		Sudlows Rev 01 comment: Noted	
10	HWI-IRI1-EL-MTS-0033-01	Sudlows Rev 0 comment: On site fabrication shall not be permitted.	B
		Huawei Rev 01 response: Comply by contractor	
		Sudlows Rev 01 comment: Noted	
11	HWI-IRI1-EL-MTS-0033-01	Sudlows Rev 0 comment: For wet areas and external, metallic flexible conduits should be PVC coated liquid tight steel flexible conduits.	B
		Huawei Rev 01 response: Contractor to Note. Shall be supplied up on request. Product Code LTFC602 (20mm), LTFC603 (25mm), LTFC604 (32mm)	
		Sudlows Rev 01 comment: Noted	
12	HWI-IRI1-EL-MTS-0033-01	Sudlows Rev 0 comment: Comply the consultant comments	B
		Huawei Rev 01 response: Comply	
		Sudlows Rev 01 comment: Subject to comply the consultant comments, authority requirements, project specifications and fully satisfy the project requirements.	
13	HWI-IRI1-EL-MTS-0033-01	Sudlows Rev 0 comment: All materials and accessories shall be from the same supplier. Conduits and related accessories shall be of the same finish.	B
		Huawei Rev 01 response: Comply	
		Sudlows Rev 01 comment: Noted	
14	HWI-IRI1-EL-MTS-0033-01	Sudlows Rev 0 comment: All installations shall be carried out in a neat, orderly workmanlike manner, as per contract specifications, in line with local Authority requirements.	B
		Huawei Rev 01 response: Comply by Contractor	
		Sudlows Rev 01 comment: Noted	

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| 15 | HWI-IRI1-EL-MTS-0033-01 | <p>Sudlows Rev 0 comment:
QA/QC procedures to be strictly followed for supply & apply to site in accordance to project approved quality plan, contract specification, drawings and Authority regulations.</p> <p>Huawei Rev 01 response:
Noted.</p> | B |
| | | <p>Sudlows Rev 01 comment:
Noted</p> | |
| 16 | HWI-IRI1-EL-MTS-0033-01 | <p>Sudlows Rev 0 comment:
All HSE procedures to be followed as per BS OH SAS 18001:2007 management systems, environmental policies and local authority regulations.</p> <p>Huawei Rev 01 response:
Comply by Contractor</p> | B |
| | | <p>Sudlows Rev 01 comment:
Noted</p> | |
| 17 | HWI-IRI1-EL-MTS-0033-01 | <p>Sudlows Rev 0 comment:
The comments and/or approval in no way relieve the Contractor from their obligations under the contract to ensure conformance to the specification and Employer requirement. Any deviations from the specification and Employer requirement found subsequent to approval shall be corrected by the Contractor to the satisfaction of the Engineer and Client team.</p> <p>Huawei Rev 01 response:
Contractor to note</p> | |
| | | <p>Sudlows Rev 01 comment:
Noted</p> | |
| 18 | HWI-IRI1-EL-MTS-0033-01 | <p>Sudlows Rev 0 comment:
The proposed steel flexible conduit as shown below and in material list page 30 item 32 & 33 are not acceptable. It should be PVC coated steel flexible conduit, heat retardant and self-extinguishing PVC coating.</p> <p>Huawei Rev 01 response:</p> | B |

STEEL FLEXIBLE CONDUIT

Flexible Material : Electro-Galvanized Steel
Properties : Provides strong protection for cables
Temp range : -25°C to +75°C
IP Rating : IP 40 / IP 54 with recommended adaptor.
Construction : Highly flexible steel conduit offers excellent mechanical protection
Features : Ideal for general wiring installations and provides good flexible bending and vibration applications


SFC - GENERAL PURPOSE, GALVANIZED STEEL, SQUARELOCK

Item code	Size	Internal Diameter (mm)	External Diameter (mm)	Min. Bend Radius (mm)	Coil Packing (M)
SFC301	16 mm	13	15.50	40	50
SFC302	20 mm	17	20	45	25
SFC303	25 mm	21	24	55	25
SFC304	32 mm	28	32	60	15
SFC305	40 mm	34	38	80	10
SFC306	50 mm	46	51	90	10

Huawei Rev 01 Response:

PVC Coated Flexible Conduit shall be proposed.
 Product code : PCSFC602
 (20mm), PCSFC603(25mm), PCSFC604(32mm). Low
 Smoke Zero Halogen - LSOHFC602(20mm).
 LSOHFC603(25mm) LSOHFC604(32mm)

Sudlows Rev 1 comment:
 Noted

Review Status

A - Accepted
 B – Accepted with Comments
 C – Revise & Resubmit
 D – Rejected

Review	Review Time / Date	Signed
Emerson Intac	03 February 2021	EI
Peer Review	Review Time / Date	Signed
Pradeesh Vijayan	03 February 2021	PV
Approval	Review Time / Date	Signed
Yousef Maayah	03 February 2021	YM