

PRICE SCHEDULE / SCHEDULE OF RATES(SOR) [PART - I - UNPRICED BID]

e -TENDER NO:BCPL/C&P/LE17W131MK/00530 Dated 16.11.2017

“HIRING OF SERVICES TOWARDS INSULATION, REPAIRING AND MAINTENANCE WORKS FOR A PERIOD OF TWO (02) YEARS FOR BCPL LEPETKATA”

BIDDER TO MENTION AS "QUOTED" IN UN-PRICED SOR

SOR Sl. No.	Description of item	UO M	Quantity	Unit Rate (Rs.)	Total Amount (Rs.)
PART A: FOR PIPING, VALVE, FLANGE, FITTINGS ETC AS PER THE INSULATION CLASS AS MENTIONED IN EACH ROW					
1	IC PUF Thickness 25MM	M2	75		
Long Txt	Cold Insulation-IC, Piping Class-CS/AS/SS, Insulation Material-PUF, Insulation Thickness= 25mm (FOR PIPING, VAVLE, FLANGES, FITTINGS ETC. AS PER THE INSULATION CLASS MENTIONED IN EACH ROW. Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
2	IC PUF Thickness 35MM	M2	50		
Long Txt	Cold Insulation-IC, Piping Class-CS/AS/SS, Insulation Material-PUF, Insulation Thickness= 35mm (FOR PIPING, VAVLE, FLANGES, FITTINGS ETC. AS PER THE INSULATION CLASS MENTIONED IN EACH ROW. Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
3	IC PUF Thickness 50MM	M2	75		

Long Txt	Cold Insulation-IC, Piping Class-CS/AS/SS, Insulation Material-PUF, Insulation Thickness= 50mm (FOR PIPING, VAVLE, FLANGES, FITTINGS ETC. AS PER THE INSULATION CLASS MENTIONED IN EACH ROW. Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
4	IC PUF Thickness 75MM	M2	75		
Long Txt	Cold Insulation-IC, Piping Class-CS/AS/SS, Insulation Material-PUF, Insulation Thickness= 75mm (FOR PIPING, VAVLE, FLANGES, FITTINGS ETC. AS PER THE INSULATION CLASS MENTIONED IN EACH ROW. Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
5	IC PUF Thickness 100MM	M2	100		
Long Txt	Cold Insulation-IC, Piping Class-CS/AS/SS, Insulation Material-PUF, Insulation Thickness= 100mm (FOR PIPING, VAVLE, FLANGES, FITTINGS ETC. AS PER THE INSULATION CLASS MENTIONED IN EACH ROW. Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
6	IC PUF Thickness 125MM	M2	20		

Long Txt	Cold Insulation-IC, Piping Class-CS/AS/SS, Insulation Material-PUF, Insulation Thickness= 125mm (FOR PIPING, VAVLE, FLANGES, FITTINGS ETC. AS PER THE INSULATION CLASS MENTIONED IN EACH ROW. Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
7	IC PUF Thickness 150MM	M2	20		
Long Txt	Cold Insulation-IC, Piping Class-CS/AS/SS, Insulation Material-PUF, Insulation Thickness= 150mm (FOR PIPING, VAVLE, FLANGES, FITTINGS ETC. AS PER THE INSULATION CLASS MENTIONED IN EACH ROW. Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
8	IC PUF Thickness 200MM	M2	75		
Long Txt	Cold Insulation-IC, Piping Class-CS/AS/SS, Insulation Material-PUF, Insulation Thickness= 200mm (FOR PIPING, VAVLE, FLANGES, FITTINGS ETC. AS PER THE INSULATION CLASS MENTIONED IN EACH ROW. Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
9	IH Rockwool Thickness 25 MM	M2	1000		

Long Txt	Hot Insulation- IH/IT, Piping Class-CS/AS/SS, Insulation Material-Rockwool, Insulation Thickness= 25mm (FOR PIPING, VAVLE, FLANGES, FITTINGS ETC. AS PER THE INSULATION CLASS MENTIONED IN EACH ROW. Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
10	IH Rockwool Thickness 35 MM	M2	100		
Long Txt	Hot Insulation- IH/IT, Piping Class-CS/AS/SS, Insulation Material-Rockwool, Insulation Thickness= 35mm (FOR PIPING, VAVLE, FLANGES, FITTINGS ETC. AS PER THE INSULATION CLASS MENTIONED IN EACH ROW. Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
11	IH Rockwool Thickness 50 MM	M2	2000		
Long Txt	Hot Insulation- IH/IT, Piping Class-CS/AS/SS, Insulation Material-Rockwool, Insulation Thickness= 50mm (FOR PIPING, VAVLE, FLANGES, FITTINGS ETC. AS PER THE INSULATION CLASS MENTIONED IN EACH ROW. Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
12	IH Rockwool Thickness 75 MM	M2	500		

Long Txt	Hot Insulation- IH/IT, Piping Class-CS/AS/SS, Insulation Material-Rockwool, Insulation Thickness= 75mm (FOR PIPING, VAVLE, FLANGES, FITTINGS ETC. AS PER THE INSULATION CLASS MENTIONED IN EACH ROW. Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
13	IH Rockwool Thickness 85 MM	M2	5		
Long Txt	Hot Insulation- IH/IT, Piping Class-CS/AS/SS, Insulation Material-Rockwool, Insulation Thickness= 85mm (FOR PIPING, VAVLE, FLANGES, FITTINGS ETC. AS PER THE INSULATION CLASS MENTIONED IN EACH ROW. Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
14	IH Rockwool Thickness 100 MM	M2	10		
Long Txt	Hot Insulation- IH/IT, Piping Class-CS/AS/SS, Insulation Material-Rockwool, Insulation Thickness= 100mm (FOR PIPING, VAVLE, FLANGES, FITTINGS ETC. AS PER THE INSULATION CLASS MENTIONED IN EACH ROW. Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
15	IH Rockwool Thickness 125 MM	M2	500		

Long Txt	Hot Insulation- IH/IT, Piping Class-CS/AS/SS, Insulation Material-Rockwool, Insulation Thickness= 125mm (FOR PIPING, VAVLE, FLANGES, FITTINGS ETC. AS PER THE INSULATION CLASS MENTIONED IN EACH ROW. Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
16	IM Cellular Glass Thickness 30 MM	M2	5		
Long Txt	Insulation for Dual Temperature lines-IM, Piping Class-CS, Insulation material-Cellular Glass, Insulation Thickness= 30mm (FOR PIPING, VAVLE, FLANGES, FITTINGS ETC. AS PER THE INSULATION CLASS MENTIONED IN EACH ROW. Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
17	IM Cellular Glass Thickness 50 MM	M2	5		
Long Txt	Insulation for Dual Temperature lines-IM, Piping Class-CS, Insulation material-Cellular Glass, Insulation Thickness= 50mm (FOR PIPING, VAVLE, FLANGES, FITTINGS ETC. AS PER THE INSULATION CLASS MENTIONED IN EACH ROW. Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
18	IM Cellular Glass Thickness 65 MM	M2	5		

Long Txt	Insulation for Dual Temperature lines-IM, Piping Class-CS, Insulation material-Cellular Glass, Insulation Thickness= 65mm (FOR PIPING, VAVLE, FLANGES, FITTINGS ETC. AS PER THE INSULATION CLASS MENTIONED IN EACH ROW. Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
19	IM Cellular Glass Thickness 75 MM	M2	5		
Long Txt	Insulation for Dual Temperature lines-IM, Piping Class-CS, Insulation material-Cellular Glass, Insulation Thickness= 75mm (FOR PIPING, VAVLE, FLANGES, FITTINGS ETC. AS PER THE INSULATION CLASS MENTIONED IN EACH ROW. Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
PART B: FOR STATIC EQUIPMENT SHELLS & HEADS OF VERTICAL AND HORIZONTAL VESSELS, COLOUMNS, REACTORS, SILENSER, FILTERS, STORAGE ETC AND FOR ROTARY EQUIPMENT AS PER THE INSULATION CLASS AS MENTIONED IN EACH ROW					
1	IC PUF Thickness 25MM	M2	15		
Long Txt	Cold Insulation-IC, Piping Class-CS/AS/SS, Insulation Material-PUF, Insulation Thickness= 25mm (For Static Equipment Shells of vertical & heads of horizontal Vessels, Columns, Exchangers, Reactors, Silencers, heaters, Storage etc. and for Rotary equipment). Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				

2	IC PUF Thickness 50MM	M2	15		
Long Txt	Cold Insulation-IC, Piping Class-CS/AS/SS, Insulation Material-PUF, Insulation Thickness= 50mm (For Static Equipment Shells of vertical & heads of horizontal Vessels, Columns, Exchangers, Reactors, Silencers, heaters, Storage etc. and for Rotary equipment). Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
3	IC PUF Thickness 75MM	M2	5		
Long Txt	Cold Insulation-IC, Piping Class-CS/AS/SS, Insulation Material-PUF, Insulation Thickness= 75mm (For Static Equipment Shells of vertical & heads of horizontal Vessels, Columns, Exchangers, Reactors, Silencers, heaters, Storage etc. and for Rotary equipment). Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
4	IC PUF Thickness 100MM	M2	250		
Long Txt	Cold Insulation-IC, Piping Class-CS/AS/SS, Insulation Material-PUF, Insulation Thickness= 100mm (For Static Equipment Shells of vertical & heads of horizontal Vessels, Columns, Exchangers, Reactors, Silencers, heaters, Storage etc. and for Rotary equipment). Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
5	IC PUF Thickness 120MM	M2	5		

Long Txt	Cold Insulation-IC, Piping Class-CS/AS/SS, Insulation Material-PUF, Insulation Thickness= 120mm (For Static Equipment Shells of vertical & heads of horizontal Vessels, Columns, Exchangers, Reactors, Silencers, heaters, Storage etc. and for Rotary equipment). Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
6	IC PUF Thickness 155MM	M2	5		
Long Txt	Cold Insulation-IC, Piping Class-CS/AS/SS, Insulation Material-PUF, Insulation Thickness= 155mm (For Static Equipment Shells of vertical & heads of horizontal Vessels, Columns, Exchangers, Reactors, Silencers, heaters, Storage etc. and for Rotary equipment). Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
7	IC PUF Thickness 175MM	M2	5		
Long Txt	Cold Insulation-IC, Piping Class-CS/AS/SS, Insulation Material-PUF, Insulation Thickness= 175mm (For Static Equipment Shells of vertical & heads of horizontal Vessels, Columns, Exchangers, Reactors, Silencers, heaters, Storage etc. and for Rotary equipment). Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
8	IC PUF Thickness 215MM	M2	5		

Long Txt	Cold Insulation-IC, Piping Class-CS/AS/SS, Insulation Material-PUF, Insulation Thickness= 215mm (For Static Equipment Shells of vertical & heads of horizontal Vessels, Columns, Exchangers, Reactors, Silencers, heaters, Storage etc. and for Rotary equipment). Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
9	IC PUF Thickness 225MM	M2	5		
Long Txt	Cold Insulation-IC, Piping Class-CS/AS/SS, Insulation Material-PUF, Insulation Thickness= 225mm (For Static Equipment Shells of vertical & heads of horizontal Vessels, Columns, Exchangers, Reactors, Silencers, heaters, Storage etc. and for Rotary equipment). Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
10	IC PUF Thickness 240MM	M2	5		
Long Txt	Cold Insulation-IC, Piping Class-CS/AS/SS, Insulation Material-PUF, Insulation Thickness= 240mm (For Static Equipment Shells of vertical & heads of horizontal Vessels, Columns, Exchangers, Reactors, Silencers, heaters, Storage etc. and for Rotary equipment). Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
11	IC PUF Thickness 150MM	M2	5		

Long Txt	Cold Insulation-IC, Piping Class-CS/AS/SS, Insulation Material-PUF, Insulation Thickness= 150mm (For Static Equipment Shells of vertical & heads of horizontal Vessels, Columns, Exchangers, Reactors, Silencers, heaters, Storage etc. and for Rotary equipment). Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
12	IC Cellular Glass Thickness 115 MM	M2	5		
Long Txt	Cold Insulation-IC, Material- CS/AS/SS, Insulation Material-Cellular Glass, Insulation,Thickness=115 mm(For Static Equipment Shells of vertical & heads of horizontal Vessels, Columns, Exchangers, Reactors, Silencers, heaters, Storage etc. and for Rotary equipment). Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
13	IC Cellular Glass Thickness 225 MM	M2	5		
Long Txt	Cold Insulation-IC, Material- CS/AS/SS, Insulation Material-Cellular Glass, Insulation,Thickness=225 mm(For Static Equipment Shells of vertical & heads of horizontal Vessels, Columns, Exchangers, Reactors, Silencers, heaters, Storage etc. and for Rotary equipment). Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
14	IC Cellular Glass Thickness 325 MM	M2	5		

Long Txt	Cold Insulation-IC, Material- CS/AS/SS, Insulation Material-Cellular Glass, Insulation,Thickness=325 mm(For Static Equipment Shells of vertical & heads of horizontal Vessels, Columns, Exchangers, Reactors, Silencers, heaters, Storage etc. and for Rotary equipment). Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
15	IH ROCKWOOL THICKNESS 25 MM	M2	5		
Long Txt	Hot Insulation- IH / IT, Material-CS/AS/SS, Insulation Material- Rockwool, Insulation Thickness=25 mm(For Static Equipment Shells of vertical & heads of horizontal Vessels, Columns, Exchangers, Reactors, Silencers, heaters, Storage etc. and for Rotary equipment). Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
16	IH ROCKWOOL THICKNESS 45 MM	M2	5		
Long Txt	Hot Insulation- IH / IT, Material-CS/AS/SS, Insulation Material- Rockwool, Insulation Thickness=45 mm(For Static Equipment Shells of vertical & heads of horizontal Vessels, Columns, Exchangers, Reactors, Silencers, heaters, Storage etc. and for Rotary equipment). Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
17	IH ROCKWOOL THICKNESS 50 MM	M2	300		

Long Txt	Hot Insulation- IH / IT, Material-CS/AS/SS, Insulation Material- Rockwool, Insulation Thickness=50 mm(For Static Equipment Shells of vertical & heads of horizontal Vessels, Columns, Exchangers, Reactors, Silencers, heaters, Storage etc. and for Rotary equipment). Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
18	IH ROCKWOOL THICKNESS 75 MM	M2	5		
Long Txt	Hot Insulation- IH / IT, Material-CS/AS/SS, Insulation Material- Rockwool, Insulation Thickness=75 mm(For Static Equipment Shells of vertical & heads of horizontal Vessels, Columns, Exchangers, Reactors, Silencers, heaters, Storage etc. and for Rotary equipment). Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
19	IH ROCKWOOL THICKNESS 100 MM	M2	5		
Long Txt	Hot Insulation- IH / IT, Material-CS/AS/SS, Insulation Material- Rockwool, Insulation Thickness=100 mm(For Static Equipment Shells of vertical & heads of horizontal Vessels, Columns, Exchangers, Reactors, Silencers, heaters, Storage etc. and for Rotary equipment). Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
20	IH ROCKWOOL THICKNESS 120 MM	M2	5		

Long Txt	Hot Insulation- IH / IT, Material-CS/AS/SS, Insulation Material- Rockwool, Insulation Thickness=120 mm(For Static Equipment Shells of vertical & heads of horizontal Vessels, Columns, Exchangers, Reactors, Silencers, heaters, Storage etc. and for Rotary equipment). Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
21	IH ROCKWOOL THICKNESS 125 MM	M2	5		
Long Txt	Hot Insulation- IH / IT, Material-CS/AS/SS, Insulation Material- Rockwool, Insulation Thickness=125 mm(For Static Equipment Shells of vertical & heads of horizontal Vessels, Columns, Exchangers, Reactors, Silencers, heaters, Storage etc. and for Rotary equipment). Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
22	IH ROCKWOOL THICKNESS 155 MM	M2	5		
Long Txt	Hot Insulation- IH / IT, Material-CS/AS/SS, Insulation Material- Rockwool, Insulation Thickness=155 mm(For Static Equipment Shells of vertical & heads of horizontal Vessels, Columns, Exchangers, Reactors, Silencers, heaters, Storage etc. and for Rotary equipment). Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
23	IM CELLULAR GLASS THICKNESS 65MM	M2	5		

Long Txt	Insulation for Dual Temperatures-IM, Material-CS/AS, Insulating Material-Cellular Glass, Insulation Thickness=65mm(For Static Equipment Shells of vertical & heads of horizontal Vessels, Columns, Exchangers, Reactors, Silencers, heaters, Storage etc. and for Rotary equipment). Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
24	IM CELLULAR GLASS THICKNESS 90MM	M2	5		
Long Txt	Insulation for Dual Temperatures-IM, Material-CS/AS, Insulating Material-Cellular Glass, Insulation Thickness=90mm(For Static Equipment Shells of vertical & heads of horizontal Vessels, Columns, Exchangers, Reactors, Silencers, heaters, Storage etc. and for Rotary equipment). Providing Thermal Insulation including supply of all insulating and ancillary materials, vapor barrier, weather protective coverings, consumables and other necessary materials, testing of materials as required including transportation of materials to work site, duly inspected by 3rd party (Lloyd/BV/DNV or any other BCPL approved party) inspector at manufacturer's shop, applying insulation on surfaces as specified including all preparatory works thereon, binding, tying, lacing, stitching, and/or otherwise securing, finishing with sheet cladding as per spec, providing bolts, rivets and self-tapping screws wherever specified, end seals for flanges etc. Providing steel scaffolding, all tools, tackles, equipment etc. labor, supervision and completing the work in all respect, at all heights as per drawings, specifications and instruction of Engineer-In-Charge.)				
PART C: CLADDING WORKS - SUPPLY AND EXECUTION					
1	Supply & Fixing -0.71 MM Al Cldng Corrugtd	M2	25		
Long Txt	Supply & Fixing of 0.71MM Aluminum Cladding 22 SWG Corrugated Sheet of 32 MM 5 MM with self-tapping screw				
2	Supply & Fixing -0.71 MM Al Cldng Flat	M2	2500		
Long Txt	Supply & Fixing of 0.71MM Aluminum Cladding 22 SWG Flat sheet with self-tapping screw				
3	Supply & Fixing -1.22 MM Al Cldng Flat	M2	2000		
Long Txt	Supply & Fixing of 1.22MM Aluminum Cladding 18 SWG Flat sheet with self-tapping screw				
4	Supply & Fixing -0.56 MM Glvzsd Steel Cld	M2	10		
Long Txt	Supply & Fixing of 0.56MM Galvanized steel Cladding 24 SWG Flat sheet with self-tapping screw				
5	Supply & Fixing -0.56 MM Al Cldng Flat	M2	500		
Long Txt	Supply & Fixing of 0.56MM Aluminum Cladding/Jacket 24 SWG Flat Sheet Conforming to IS:737 with self-tapping screw				
6	Supply & Fixing -0.56 MM Al Cldng Corrugated	M2	15		
Long Txt	Supply & Fixing of 0.56MM Aluminum Cladding/Jacket 24 SWG Corrugated Sheet Size 32 MM 5 MM Conforming to IS:737 with self-tapping screw				

PART D: MISCELLANEOUS WORKS					
1	Supply & Fixing of Insulating Fire Bricks	EA	25		
Long Txt	PROVIDING & FIXING-REFRACTORY WORKS-Supply and Fixing of Insulating Fire Bricks for Castable Refractory- Grade 26 materials for Furnaces (230 mm x 115 mm x 75 mm)				
2	Supply & Instln of Ceramic Fibre Blanket-75 MM Thk	M2	50		
Long Txt	Supply and installation of Ceramic Fibre Blankets 26 Class - 75mm Thickness				
3	Supply & Instln of Calcium Silicate Block	EA	10		
Long Txt	Supply and installation of Calcium Silicate Insulation Blocks (1100 Deg C, 1 m X 0.5 m X 0.05 m)				
4	Supply & Erection of MW Castable-CL 26	KG	50		
Long Txt	Supply and execution of MW Insulating Castable CL 26 as per ASTM C401 Class G				
5	Execution of Calcium Silicate Board	M3	25		
	Execution of Calcium Silicate Board 1100 deg C (Supply in the scope of BCPL)				
6	Execution of Silicon Coated Fibre Glass	M3	25		
	Execution of Silicon Coated Fibre Glass Cloth (Supply in the scope of BCPL)				
7	Suppl/Execution of Mortor/Castables	KG	50		
8	Provdng & Fixing Inspection Pocket -100x100	Nos	100		
Long Txt	Providing & Fixing of Inspection Pocket-Size 100mm x100mm				
9	Provdng & Fixing Inspection Pocket -150x150	Nos	100		
Long Txt	Providing & Fixing of Inspection Pocket-Size 150mm x150mm				
10	Removal of Old Rockwool/Glasswool	M3	1500		
11	Removal of Old PUF/Cellular Glass	M3	1500		
12	Removal of Refractory from any height	TO	25		
13	Removal of Old Ceramic Blanket	M3	200		
14	Removal of Old Al/GI Cladding	M3	2500		
15	Turbine Insulation -70 mm Thk	M2	150		
16	Supply & Fixing Ceramic Rope without Cladding	IM	100		
Long Txt	Supply and wrapping of Ceramic Rope over SS/CS Impulse Tubing/piping without cladding				
17	Supply & Fixing Ceramic Rope with Al Cladding	IM	1000		
Long Txt	Supply and wrapping of Ceramic Rope over SS/CS Impulse Tubing/Piping with Aluminium Cladding 24SWG.				
18	Supply & Application of Heat Transfer Cement	KG	50		
Long Txt	Supply and application of Heat Transfer Cement				
19	Fire Proofing-Isolatek Type M-II Mterial	KG	50		
Long Txt	Fire Proofing- Supply and Execution of Isolatek Type M-II Material				
TOTAL AMOUNT (PART A+ B + C + D) exclusive of GST (Rs.)					
GST @%. Bidder to Compulsarily Quote for applicable GST					
Total Amount Inclusive of GST (Rs.)					
Signature of Authorized Representative:					
Name of authorized person submitting the tender on behalf of the Bidder (s)					
Designation of authorized person					
Name of Firm / Contractor/Owner					
Address of Firm / Contractor/Owner					
Date					
NOTE : Evaluation shall be done after considering cenvatable benefit on GST.					