













# TEN YEAR ANALYSIS ON EXPERIENCE

## <u>In the year 2015 – 2016</u>

JOB DESCRIPTION & CLIENT	EXECUTED VALUE (Rs. IN LAC)
SHUTDOWNMAINTENANCE JOB AT SRU-II (UNIT-28) OF HALDIA REFINERY. W.O.NO. 24189704 (M/s. INDIAN OIL COPRORATION LIMITED) HALDIA REFINERY	70.89
Implementation of MB Lal Works-Mechanical work, Piping work and Tank Related Works at Rangpo Depot. W.O.NO. 24225484 (M/s. INDIAN OIL COPRORATION LIMITED) MARKETING DIVISION RONGPO (MBLAL)	19.32
Mechanical and civil works associated with the installation of ROVs and filters including painting and insulation at VBU and CDU I at haldia W.O.NO. 24268578 (M/s. INDIAN OIL COPRORATION LIMITED) HALDIA REFINERY	55.48
Rate Contract for M&I works for various operating locations (Terminal, depot & all AFS) under West Bengal State Office W.O.NO. 12011887 (M/s. INDIAN OIL COPRORATION LIMITED) MARKETING DIVISION	24.00

#### In the year 2014

JOB DESCRIPTION & CLIENT	EXECUTED VALUE (Rs. IN LAC)
Implementation of MB Lal Works-Mechanical Work, Piping Work and Tank Related Works at Rangpo Depot. Indian Oil Corporation Ltd, Marketing Division	199.32

Providing Sand Pad Foundation, Design, Fabrication, Erection, Welding, Testing, Calibrating, Painting and Commissioning of Mild Steel Vertical Water Storage Tank(22 M Dia. x 15 M Height-1 Nos.), including supplying of Steel Plates, CS Gate Valves, Pipeline & Fittings and Allied Works at Mughalsarai Terminal, Chandauli, Mughalsarai, (UP) as a MOU Partner of Ador Welding Ltd., Pune. Indian Oil Corporation Ltd., Lucknow	271.62
Mechanical, Civil And Structural Jobs for Installation of 12 Nos. High Volume Long Range Monitors of 500/1000 US GPM Capacity at Haldia. M/S Indian Oil Corporation Ltd., Haldia Refinery	34.67















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## In the year 2012

JOB DESCRIPTION & CLIENT	EXECUTED VALUE (Rs. IN LAC)
Miscellaneous Mechanical Jobs Related to Shutdown of OHCU at IOCL, Haldia Refinery. M/S Indian Oil Corporation Ltd., Haldia Refinery,	63.10

#### In the year 2011

Provision of fixed water spray and foam system at 9 Nos. of tanks at Haldia IOCL Installation. M/s Indian Oil Corporation Ltd., Haldia Refinery	305.26
Design, Manufacture, Supply, Construction, Testing & Mechanical Completion of Light SRN Tank (T-2510) of MS Quality Improvement Project of Bongaigaon Refinery at Dhaligaon.  M/s Indian Oil Corporation Ltd,. Bongaigaon Refinery	672.05
Repair and Maintenance of Tank (Fixed & Floating Roof) at Haldia Refinery.  M/s Indian Oil Corporation Ltd., Haldia Refinery	287.71
Mechanical Works for Butadiene Extraction Unit of IOCL, Panipat Refinery, Haryana M/s INDIAN OIL CORPORATION LIMITED, PANIPAT REFINERY	2298.79
Extension of Tank wagon loading gantry from 48 Wagon rake to 50 Wagon rake, Extension of Product pipeline Work, Provision of Sprinkler system, Re-routing of Water pipeline at Tank wagon loading gantry at IOCL Siliguri Terminal under West Bengal State Office.  M/s. INDIAN OIL COPRORATION LIMITED Siliguri Terminal, - Marketing Division	114.01

Misc. Mechanical, Piping, Painting & Insulation Works for MS Quality Improvement Project of Bongaigaon Refinery.  M/s Indian Oil Corporation Ltd., Bongaigaon Refinery in Assam.	359.35
Rate contract for Mechanical Jobs for Energy optimization Project at HPL Power Plant, Haldia M/s Haldia Petrocomplex Ltd	165.37















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#### In the year 2010

JOB DESCRIPTION & CLIENT	EXECUTED VALUE (Rs. IN LAC)
Misc. Mechanical Works for Fire Fighting System & Compressor Package of MSQ Improvement Project of M/s IOCL, Bongaigaon Refinery at Dhaligaon (Assam) M/s Indian Oil Corporation Ltd,. Bongaigaon Refinery	322.87
Chemical Cleaning of equipment of DHDT Unit, HGU & SRU at Bongaigaon Refinery M/s Indian Oil Corporation Ltd,. Bongaigaon Refinery	310.20
Fabrication and assembly of PSA Valve Skid of M/s BOC India Limited Taratala Road, Kolkata.	50.99
Provision of fixed water spray and foam system at 9 Nos. of Tanks at Haldia IOCL Installation M/s Indian Oil Corporation Ltd., Haldia Refinery	305.26

Sand pad foundation, fabrication, erection, welding, testing, calibration, painting of 4 nos. vertical cone Roof Tank and two no. UG Horizontal Tank and connected pipeline works for Rangpo Depot Under West Bengal State Office.  M/s Indian Oil Corporation Ltd. Marketing Division, Kolkata	165.16
Mechanical, piping, painting & insulation works for M.S Quality Improvement Project at Dhaligaon M/s . Indian Oil Corporation Limited, Bongaigaon Refinery in Assam.	1427.65
Composite work for equipment erection piping, electrical, instrumentation, refractory, insulation etc. including pre-commissioning and assistance in commissioning for CDU- II, (Revamp) of once through hydrocracker project M/s. Indian Oil Corporation Ltd. Haldia Refinery	1756.65
Supply & Site Work of Erection Installation, Testing and Commissioning of Plenum Chamber for Air Fin Coolers M/s . Indian Oil Corporation Limited, Bongaigaon Refinery in Assam.	82.25















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## In the year 2009

JOB DESCRIPTION & CLIENT	EXECUTED VALUE (Rs. IN LAC)
Installation/ Dismantling of Equipments at Haldia Refinery Using 300 MT (Minimum) Capacity Crane. M/s. Indian Oil Corporation Ltd. Haldia Refinery	69.01

#### In the year 2008

In the year 2008	
Composite Work for Pretreater & Reformer Revamp Project of Xylene Plant including internal piping of BRPL at Dhaligaon. Assam. M/s Bongaigaon Refinery & Petrochemicals Ltd.	470.00
Mechanical work for elevated Flare Stack system for DHDT Project of BRPL at Dhaligaon, Assam.  M/s Bongaigaon Refinery & Petrochemicals Ltd.	942.04
Mechanical Works for HGU Reformer Package for Diesel Hydrotreater Project (DHDT) of BRPL at Dhaligaon Part - B M/s Bongaigaon Refinery & Petrochemicals Ltd.	831.75
Piping Fabrication and Erection Work for DHDS -II Unit of CFU Plant at Jamnagar Site M/s Reliance Petroleum Ltd.	107.19
Supply and Erection of Fired Heater for CDU - II (Revamp) of once through Hydro Cracker Project at Haldia Refinery on single point responsibility basis.  M/s Indian Oil Corporation Ltd., Haldia	661.62
Construction of left over work at proposed new tank lorry filling shed at IOCL Siliguri Terminal. M/s Indian Oil Corporation Ltd., Marketing Division, Kolkata	192.80

Fabrication and Erection of SS Stack and supporting structure at MCC - PTA - HP Project at Haldia. M/s Shrachi Engineering & India Ltd.,	116.00
Fabrication & Erection of New SS Stack in FCC Unit 8 at Haldia Refinery M/s Indian Oil Corporatin Ltd,	338.87















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## In the year 2007

JOB DESCRIPTION & CLIENT	EXECUTED VALUE (Rs. IN LAC)
Mechanical & Vivil jobs for Revamping of Coke Cutting system of Coker - A at Barauni Refinery.  M/s Indian Oil Corporation Ltd.,	176.63
Fabrication of Structural Steel at shop for Offsites & utilities Package at IOCL Haldia M/s Technip KT India	66.00
Construction of proposal new rail wagon loading gantry at Siliguri Terminal M/s Indian Oil Corporation Ltd., Marketing Division	626.00

Supply Vessels along with Flanges, Fittings & Safety Valves for CSP caster, billet center & Tunnel Furnace area for our intergrated steel plant at Tahasil Rengali, Dist: Sambalpur, Orrissa.  M/s Bhusan Power & Steel Ltd.	38.00
Repair / Maintenance jobs at (Part - A) CDU - II [U-16] (Part - B) KHDS [ U-23] and (Part -C] pig tail replacement at 24-F-02 Furnace at HGU & Allied Jobs during shut down 2006.  M/s Indian Oil Corporation Ltd.	25.25
Material handling, Erection, Testing & Commissioning of 1X130 TPH supplementary fired HRSG at IOCL / Haldia Refinery, Phase - II Project in West Bengal.  M/s Bharat Heavy Electric Ltd.,	102.15
Numaligarh Siliguri Pipeline Project under Oil India Ltd. M/s Gammon India Ltd.	327.50
Design Engineering and Fabrication, Erection of Piping related Civil & Structural work M/S Indian Oil Petronus Pvt. Ltd.	669.00















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JOB DESCRIPTION & CLIENT	EXECUTED VALUE (Rs. IN LAC)
Mechanical terminal Piping works of Terminal in 30" OD X 168 Km approx. from of Paradip-Haldia. Pipeline (Group-B) (Balasore - Haldia Section) Laying of cross country pipeline and associated facilities for Paradip-Haldia Crude Oil Pipeline Project (Group-B). M/s GAMMON INDIA LIMITED	81.00
Replacement of Air Pre-Heater (PH) Modules of 11-F-01 at FOB of Haldia Refinery.  M/s Indian Oil Corporation Ltd.	31.00
Equipment Erection, Piping & Allied jobs for 1% S' F.O. Despatch Facility at Haldia Refinery M/s Indian Oil Corporation Ltd.	48.33
Repair / Maintenance of Furnace 11-F-01 of FOB during August - September 2005 shutdown at Haldia Refinery, 20 Days.  M/s Indian Oil Corporation Ltd.	22.83
Conversion of Tank M-6 from Cone Roof to Floating Roof at Haldia Terminal M/s Indian Oil Corporation Ltd. (Marketing Division)	91.00
Top Dome Replacement Maintenance of 11-C-04 at FOB of Haldia Refinery. 20 Days M/s Indian Oil Corporation Ltd.	49.80
Maintenance of Heat Exchangers / Air Coolers of Unit - 82 (VDU-II) during shutdown - 2005 at Haldia Refinery. 20 Days M/s Indian Oil Corporation Ltd.	28.00
Top Dome Replacement of Maintenance of 11-C-01 at FOB of Haldia Refinery M/s Indian Oil Corporation Ltd.	48.57















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## In the year 2004

Elevated (AG) rack C.S. piping (Part-A) and UG CS cement lined pipeing (Part - B) in offsite Area of Haldia Refinery for MSQ Project. M/s Indian Oil Corporation Ltd.	76.04
Repairing of Gas Holder at TML KGP site M/s TATA Metaliks Ltd., Kharagpur	44.00
Piping Fabrication, wrapping & coating for UG piping, erection, Hydrotesting for Motor Spirint quality upgradation project at Haldia Refinery.  M/s Punj Lloyd	166.00
Equipment Erection, Piping, Hook-up, Allied Mechanical Jobs, Insulation & Painting of Piping and Equipments, Offsite Jobs for Conventional Portion of MSQ Project at Haldia Refinery M/s Indian Oil Corporation Ltd.	180.00
Equipment Erection, Piping (Both UG & AG), Hook-up and allied Mechanical jobs of CRU/ NHDT / CDU Units for Conventional Portion of MSQ Project at Haldia Refinery. M/s Indian Oil Corporation Ltd.	114.00

Erection work of Flare Stack assembly as per schedule of rate, assembly at HFCL - Namrup-II Revamp Project. Assam M/s Airoil - Flaregas (India) Pvt. Ltd.	59.15
Fabrication, Erection, Inspection, Testing, Painting of Steel Structures for Hot Blast Stoves Complex at M/s TATA Metaliks Ltd., Kharagpur	73.30
Stripling & Allied jobs in Column K 101 & 102 of AVU-III at Barauni Refinery M/s Indian Oil Corporation Ltd., Barauni Refinery.	127.00
Laying of 24" and 16" Tanker Discharge pipeline from BPCL to HPCL at Haldia M/s M. P. Engineering Pvt. Ltd. Mumbai	63.33
Design, providing, fabrication and erection refabricated structuctural Canopy at various retail outlates under Patna Reagin M/s Hindustan Petroleum Corporation Ltd.	50.23















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#### In the year 2002

JOB DESCRIPTION & CLIENT	EXECUTED VALUE (Rs. IN LAC)
Conversion of marketing Tank M-14 to Floating Roof Tank. M/s Indian Oil Corporation Ltd.	47.40
IBR related Piping work of SRU – III project at Haldia Refinery M/s Indian Oil Corporation Ltd.	11.21

#### In the year 2001

Laying of Dock Pipe lines (both overground & Underground) - 2 Nos. 700 dia and 1 No. 450 dia Pipes from Jetty to TP-11 alongwith erection of specified equipment etc. pertaining to Docklines Project at Paradeep for IOCL.  M/s Engineering Project (India) Ltd., Calcutta	321.02
Preparation of Fab Dwg. Procurement of materials fab. Testing and supply of heat exchangers as per drawing data sheet and tech. Specification heat exchanger assy. Complete. 83-E-07 to 83-E-13 at IOCL, Haldia Refinery M/s Indian Oil Corporation Ltd., Haldia	24.30

## In the year 2001

Fabrication & Erection Of Flare Stack Job At Gujrat Refinery at Boroda Ma Indian Oil Companion Ltd. Crieval Refinery
M/s Indian Oil Corporation Ltd., Gujarat Refinery.

Erection of 60M Hight Flare Stack with All Connected Acitivities at IPPL, Haldia M/s AFIL
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## In the year 1999

JOB DESCRIPTION & CLIENT	EXECUTED VALUE (Rs. IN LAC)
Assembling of Knockout Drum at DHDS Plant & allied jobs at Haldia Refinery.  M/s Tecnimont SpA, Mumbai.	17.00
Repair & Maintenance of furnace during Shut-Down 2000 at Haldia Refinery.  M/s Indian Oil Corporation Ltd., Haldia.	15.52
Equipment erection, piping, allied mechanical jobs, insulation & Painting of piping & equipment (Phase - B) for 2nd vacuum distilation unit of Haldia Refinery.  M/s Indian Oil Corporation Ltd., Haldia.	134.00
Construction of 8000 KL Capacity Storage Tank at Patna Terminal.  M/s Bharat Petroleum Corporation Ltd., Calcutta.	84.75

Construction of 8 nos. Seal Oil & Lube Oil Coolers of Haldia Refinery.  M/s Indian Oil Corporation Ltd., Haldia.	20.70
Installation of 20" / 36" OD aboveground piping for Haldia Barauni Crude Oil Pipeline of IOCL, Pipeline Division.  M/s Dodsal Ltd., Mumbai.	147.00
Piping and allied jobs for Microcrystalline Wax project of Haldia Refinery. M/s Indian Oil Corporation Ltd., Haldia.	120.00
Fabrication & Erection of Flare Stack Structural, Pipings & Equipment at DHDS Project of IOCL, Haldia Refinery.  M/s Ador Samia Ltd., Pune.	150.00















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JOB DESCRIPTION & CLIENT	EXECUTED VALUE (Rs. IN LAC)
Construction of 6 Nos. Cone Roof and Floating Roof Tank at Patna Terminal of IOCL - Marketing Division. M/s Blue Star Co. Ltd., Calcutta	78.00
Construction of 5 Nos. Tanks at Haldia Petrochemicals Ltd., M/s ION Exchange (I) Ltd., Calcutta	35.00