

Lampiran Pengumuman:	064.Peng/SCM/PLN-NPS/2024
Tanggal	:29 Januari 2024

BILL OF QUANTITY (BOQ)
Pengadaan Additional Crusher PLTU Amurang

No	ITEM BARANG/JASA	Jumlah	Satuan
1.	HAMMER CRUSHER HAMMER CRUSHER Material in Size : Max 200 mm Material out Size : 0 - 10 mm Capacity : 98 - 125 Ton/Hours Type : Non Blocking Reversible Material Body : - Casing : Carbon Steel Q235 atau Equivalent - Lining Plate Material : High Manganese Cast Steel - Crushing Plate Material : Low Chromium Alloy - Thickness Body/Casing : min 20 mm ROTOR Material Hammer Head : Chromium Molybdenum Alloy Material Rotor Shaft : 40 Cr atau Equivalent Material Rotor Disc : Q235 atau Equivalent Material Hammer Arm : 16Mn atau Equivalent Material Rotor Shaft : 40 Cr atau Equivalent MOTOR Power : Max 132 kW Speed : 980 - 1000 Rpm Frequence : 50 Hz Arus : 246 A Voltage : 380 - 400 V Protection Class : Min IP 55 Include Coupling Output Speed : 980 - 1000 Rpm	2	Set
2.	ROTARY SCREEN CRUSHER ROTARY SCREEN Type : Drum Screen Material in Size : > 200 mm Material out Size : < 0 - 8 mm Diameter rolling Drum : 1200 mm Panjang rolling Drum : 2400 mm Capacity : 98 - 125 Ton/Hours Material : Steel Wear Plate Power of Motor : 7,5 kW Tingkat Kemiringan : min 12°	2	Set

<p>3. STRUCTURE, DUCTING, CHUTE DAN AKSES MAINTENANCE</p> <p>STRUCTURE CRUSHER</p> <ul style="list-style-type: none"> - Size Crusher : 3875 x 2700 x 1850 mm atau sesuai kebutuhan - Material Support : Structure Steel min (H-150) Include vibration Absorber - Termasuk Hanger dan aksesoris penguatan lainnya <p>STRUCTURE SCREEN</p> <ul style="list-style-type: none"> - Size Crusher : 2700 x 1500 x 2300 mm atau sesuai kebutuhan - Material Support : Structure Steel min (H-150) - Termasuk Hanger dan aksesoris penguatan lainnya <p>DUCTING DAN CHUTE</p> <ul style="list-style-type: none"> - Material Chute : Min. Wear Abrasion Plate 400 HB - Ukuran Inlet Crusher 400 x 1240, Lebar Flange 200 - Duckting Inlet Screen - Duckting V Inlet Crusher - Duckting and Chute Outlet Crusher <p>STRENGTHINING STRUCTURE (STRUKTUR PENGUATAN DAN PONDASI)</p> <ul style="list-style-type: none"> - H200.200.8.12, Mutu BJ37, Panjang 5 m x 8 Ea - Bracing 2L 100.100.10, Mutu BJ37, Panjang 7,1 m x 4 Ea, Berat 29,84 kg/m, +847,46 kg - Sambungan, Mutu BJ37, +284,35 kg - Kolom Pondasi, Mutu K-400, 0,4 x 0,4 x 1 m dengan jumlah 8 Kolom, Rasio Tulangan 300 kg/m³ Volume Beton 1,28 m³, +384 kg - Pondasi Mutu K-400, 1 x 1 x 0,4 m dengan jumlah 8 Pondasi, Rasio Tulangan 300 kg/m³ Volume Beton 3,20 m³, +960 kg <p>AKSES MAINTENANCE CRUSHER</p> <ul style="list-style-type: none"> - Grating Minimal 2 m - Railing Keliling Minimal 2 m - Steel Struktur - Tangga Tinggi + 5 m <p>Painting</p> <p>Atau Sesuai kebutuhan akses Maintenance Crusher</p>	1	Lot
<p>4. ELECTRICAL PANEL SET</p> <p>PANEL BOX</p> <ul style="list-style-type: none"> - Size Minimal 280 x 380 x 300 mm - Material SUS 304 - IP 66 Include Support - Start Stop Button - Cable Signal, Cable Power - Breaker and Connection to DCS, dll. 	2	Lot
<p>5. PERSIAPAN PEKERJAAN</p>	1	Lot
<p>6. PELAKSANAAN PEKERJAAN</p>	1	Lot
<p>7. PENGUJIAN, COMMISIONING DAN TRAINING</p>	1	Lot