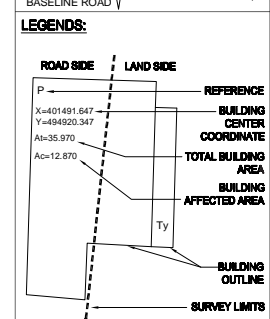
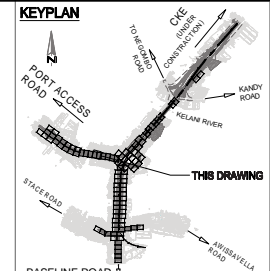
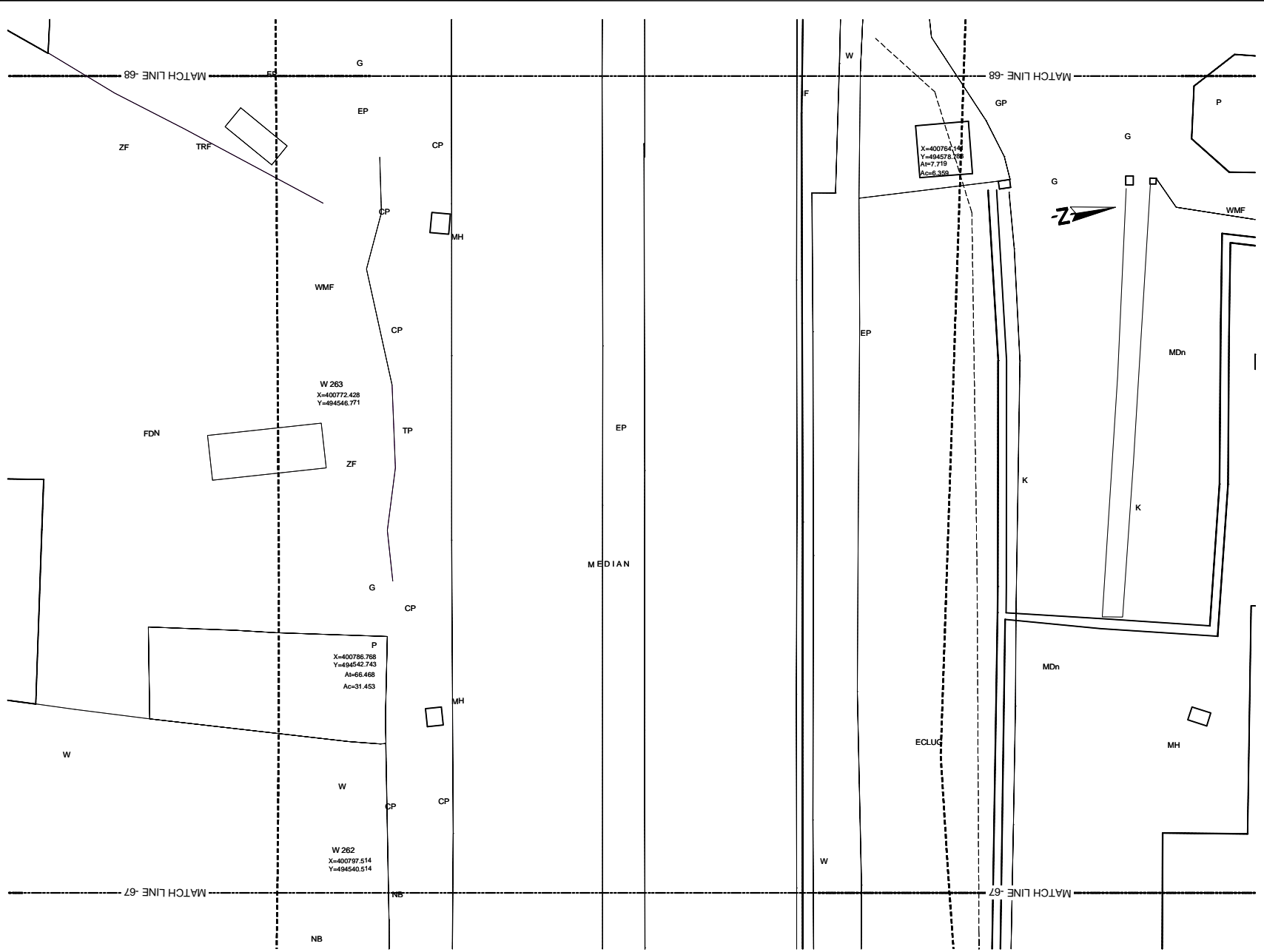
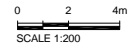


U:\06-NKB PROJECT\03-CAD\01-DWG\NKB-SP-001 TO 089 WITH NEW COORDINATE.DWG, 2013-07-10



- REFERENCE**
- EP --- Electric Post
  - EPHT --- High Tension Electric Post
  - TP --- Telephone Post
  - CP --- Concrete Post
  - LP --- Lamp Post
  - NB --- Name Board
  - SB --- Sign Board
  - ROADS --- RDA (Boundary Stone)
  - TSP --- Traffic Signal Post
  - GS --- Guard Stone
  - GW --- Guard Wall
  - TRF --- Transformer
  - PB --- Pylon Base
  - FH --- Fire Hydrant
  - GB --- Gantry Base
  - BL --- Building Lavatory
  - BS --- Bus Shelter
  - CB --- Concrete Base
  - P --- Permanent Building
  - Ty --- Temporary Building
  - BUC --- Building Under Construction
  - FDN --- Foundation
  - V --- Valve
  - WV --- Water Valve
  - OWMT --- Over Head Water Tank
  - WT --- Water Tank
  - GL --- Gully
  - MH --- Manhole
  - MHT --- Manhole Telecom
  - MHW --- Manhole Water
  - MHS --- Manhole Sewer
  - TCB --- Telecom Cable Box
  - ECB --- Electric Cable Box
  - SPT --- Septic Tank
  - G --- Gate
  - GP --- Gate Post
  - CUL --- Culvert
  - MDn --- Masonry Drain
  - EDn --- Earth Drain
  - BB --- Bank Bottom
  - TB --- Bank Top
  - GBW --- Gabion Wall
  - EF --- Electric Fence
  - ECL --- Electric Cable Line Under Ground
  - ORL --- Oil Pipe Line
  - DF --- Dry Fence
  - IF --- Iron Fence
  - LF --- Live Fence
  - RW --- Retaining Wall
  - K --- Kerb
  - SF --- Stone Fence
  - W --- Wall
  - WF --- Wire Fence
  - WDF --- Wooden Fence
  - WLF --- Wire Live Fence
  - WMF --- Wire Mesh Fence
  - ZF --- Zinc Fence



Original Drawing Size A3

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA  
MINISTRY OF PORTS AND HIGHWAYS

**Road Development Authority**

Oriental Consultants Co., Ltd.

Consulting Engineers & Architects Associated (Pvt) Ltd.

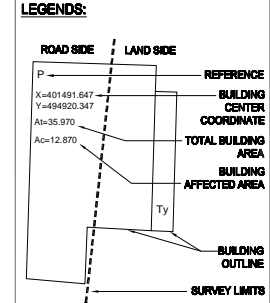
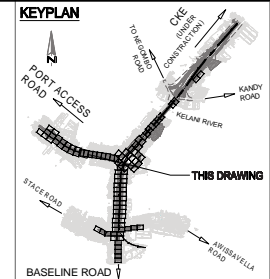
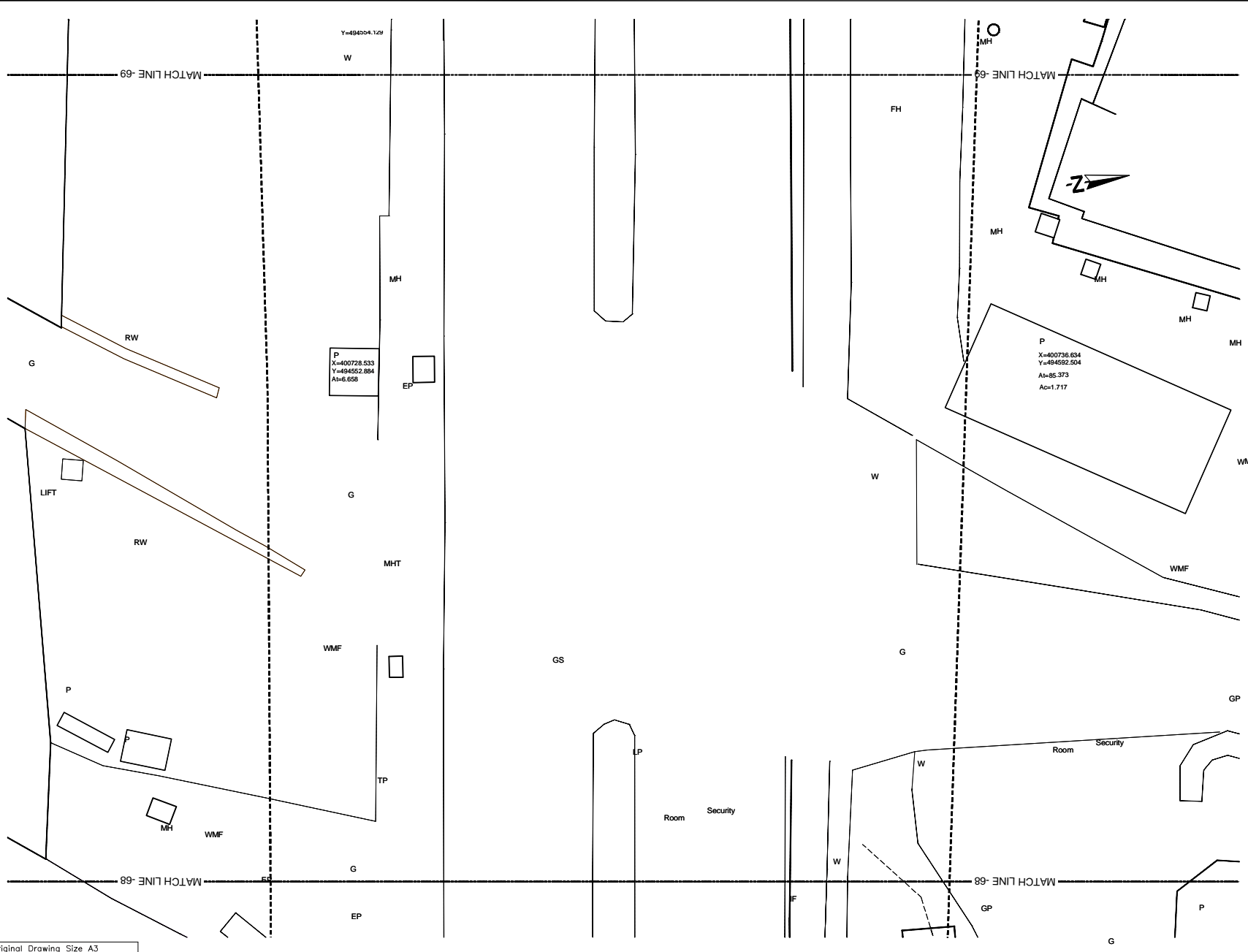
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**PREPARATORY SURVEY ON TRAFFIC  
IMPROVEMENT PROJECT AROUND NEW KELANI  
BRIDGE**

**TRAFFIC IMPROVEMENT PROJECT  
AROUND 2nd NEW KELANI BRIDGE**

DRG. NO: **NKB-SP-081**

U:\06-NKB PROJECT\03-CAD\01-DWG\NKB-SP-001 TO 099 WITH NEW COORDINATE.DWG - 2013-07-10



- REFERENCE**
- EP --- Electric Post
  - EPHT --- High Tension Electric Post
  - TP --- Telephone Post
  - CP --- Concrete Post
  - LP --- Lamp Post
  - NB --- Name Board
  - SB --- Sign Board
  - RDBS --- RDA (Boundary Stone)
  - TSP --- Traffic Signal Post
  - GS --- Guard Stone
  - GW --- Guard Wall
  - TRF --- Transformer
  - PB --- Pylon Base
  - FH --- Fire Hydrant
  - GB --- Gantry Base
  - BL --- Building Lavatory
  - BS --- Bus Shelter
  - CB --- Concrete Base
  - P --- Permanent Building
  - Ty --- Temporary Building
  - BUC --- Building Under Construction
  - FDN --- Foundation
  - V --- Valve
  - WV --- Water Valve
  - CHWT --- Over Head Water Tank
  - WT --- Water Tank
  - GL --- Gully
  - MH --- Manhole
  - MHT --- Manhole Telecom
  - M/W --- Manhole Water
  - M/S --- Manhole Sewer
  - TCB --- Telecom Cable Box
  - ECB --- Electric Cable Box
  - SPT --- Septic Tank
  - G --- Gate
  - GP --- Gate Post
  - C/L --- Culvert
  - MCh --- Masonry Drain
  - EDn --- Earth Drain
  - BB --- Bank Bottom
  - TB --- Bank Top
  - GBW --- Gabion Wall
  - EF --- Electric Fence
  - ECL --- Electric Cable Line Under Ground
  - ORL --- Oil Pipe Line
  - DF --- Dry Fence
  - IF --- Iron Fence
  - LF --- Live Fence
  - RW --- Retaining Wall
  - K --- Kerb
  - SF --- Stone Fence
  - W --- Wall
  - WF --- Wire Fence
  - WDF --- Wooden Fence
  - WLF --- Wire Live Fence
  - WMF --- Wire Mesh Fence
  - ZF --- Zinc Fence
- 0 2 4m  
SCALE 1:200

Original Drawing Size A3

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA  
MINISTRY OF PORTS AND HIGHWAYS

**Road Development Authority**

ORICONSLU Oriental Consultants Co., Ltd.

CEA Consulting Engineers & Architects Associated (Pvt) Ltd.

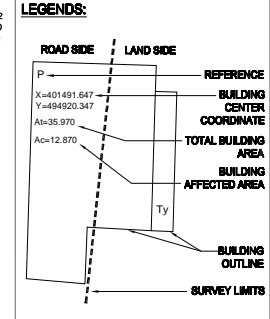
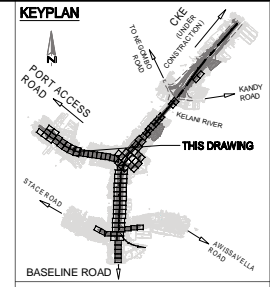
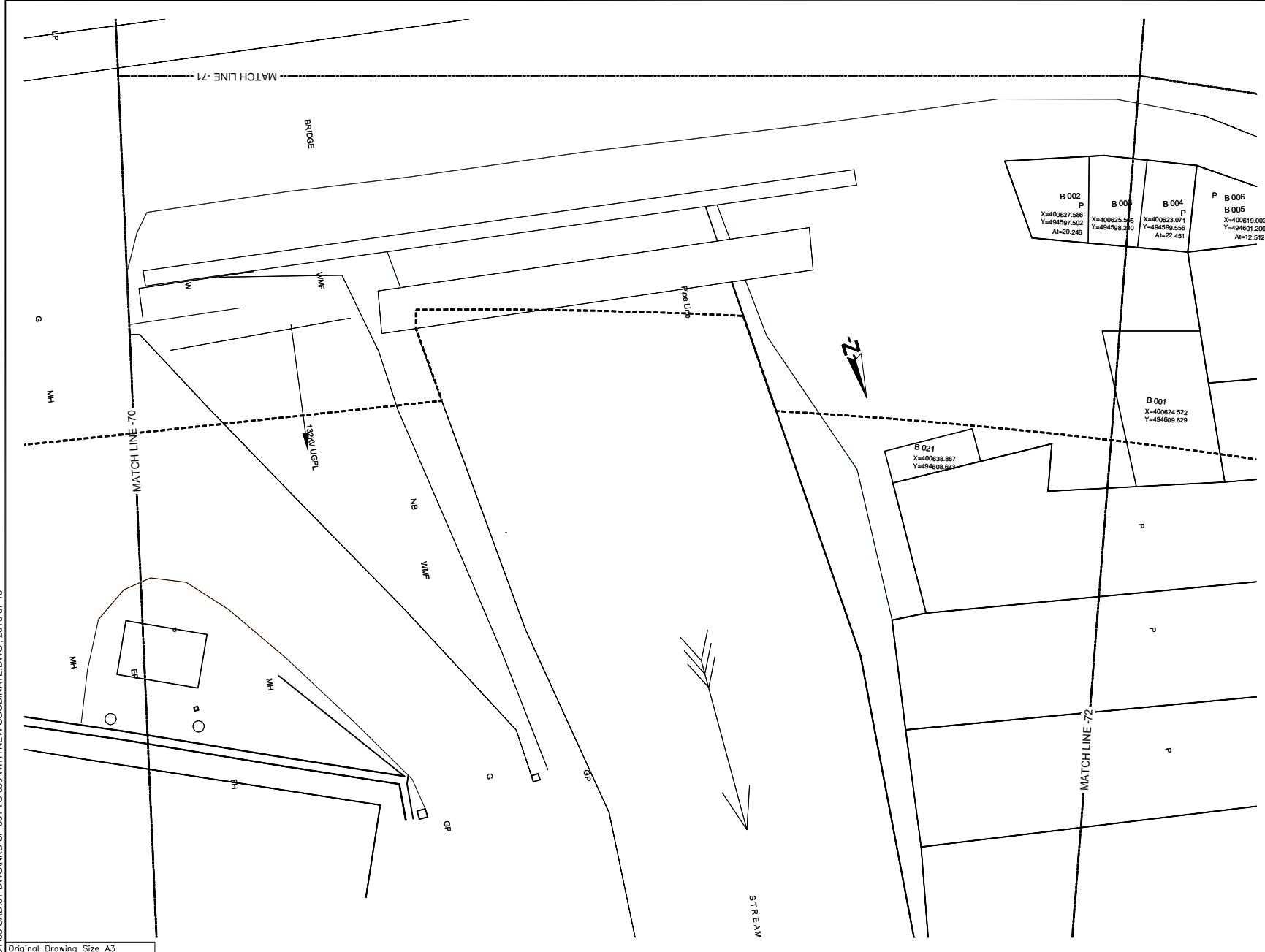
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PREPARATORY SURVEY ON TRAFFIC IMPROVEMENT PROJECT AROUND NEW KELANI BRIDGE

TRAFFIC IMPROVEMENT PROJECT AROUND 2nd NEW KELANI BRIDGE  
DRG. NO: NKB-SP-082



UJ06-NKB PROJECT\03-CAD\01-DWG\NKB-SP-001 TO 089 WITH NEW COORDINATE.DWG., 2013-07-10



- REFERENCE**
- EP --- Electric Post
  - EPHT --- High Tension Electric Post
  - TP --- Telephone Post
  - CP --- Concrete Post
  - LP --- Lamp Post
  - NB --- Name Board
  - SB --- Sign Board
  - RDABS --- RDA (Boundary Stone)
  - TSP --- Traffic Signal Post
  - GS --- Guard Stone
  - GW --- Guard Wall
  - TRE --- Transformer
  - PB --- Pylon Base
  - FH --- Fire Hydrant
  - GB --- Gantry Base
  - BL --- Building Lavatory
  - BS --- Bus Shelter
  - CB --- Concrete Base
  - P --- Permanent Building
  - Ty --- Temporary Building
  - BUC --- Building Under Construction
  - FDN --- Foundation
  - V --- Valve
  - WV --- Water Valve
  - GWMT --- Over Head Water Tank
  - WT --- Water Tank
  - GL --- Gully
  - MH --- Manhole
  - MHT --- Manhole Telecom
  - MHW --- Manhole Water
  - MHS --- Manhole Sewer
  - TCB --- Telecom Cable Box
  - ECB --- Electric Cable Box
  - SPT --- Septic Tank
  - G --- Gate
  - GP --- Gate Post
  - CUL --- Culvert
  - MCh --- Masonry Drain
  - EDn --- Earth Drain
  - BB --- Bank Bottom
  - TB --- Bank Top
  - GBW --- Gabion Wall
  - EF --- Electric Fence
  - ECL --- Electric Cable Line Under Ground
  - ORL --- Oil Pipe Line
  - DF --- Dry Fence
  - IF --- Iron Fence
  - LF --- Live Fence
  - RW --- Retaining Wall
  - K --- Kerb
  - SF --- Stone Fence
  - W --- Wall
  - WF --- Wire Fence
  - WDF --- Wooden Fence
  - WLF --- Wire Live Fence
  - WMF --- Wire Mesh Fence
  - ZF --- Zinc Fence
- 0 2 4m  
SCALE 1:200

Original Drawing Size A3

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA  
MINISTRY OF PORTS AND HIGHWAYS

**Road Development Authority**

ORICONSLU Oriental Consultants Co., Ltd.

CEA Consulting Engineers & Architects Associated (Pvt) Ltd.

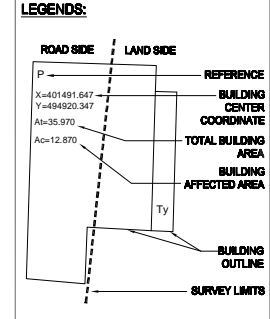
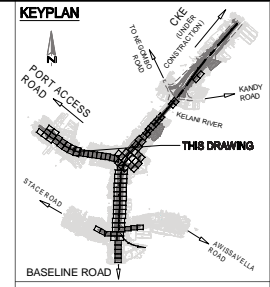
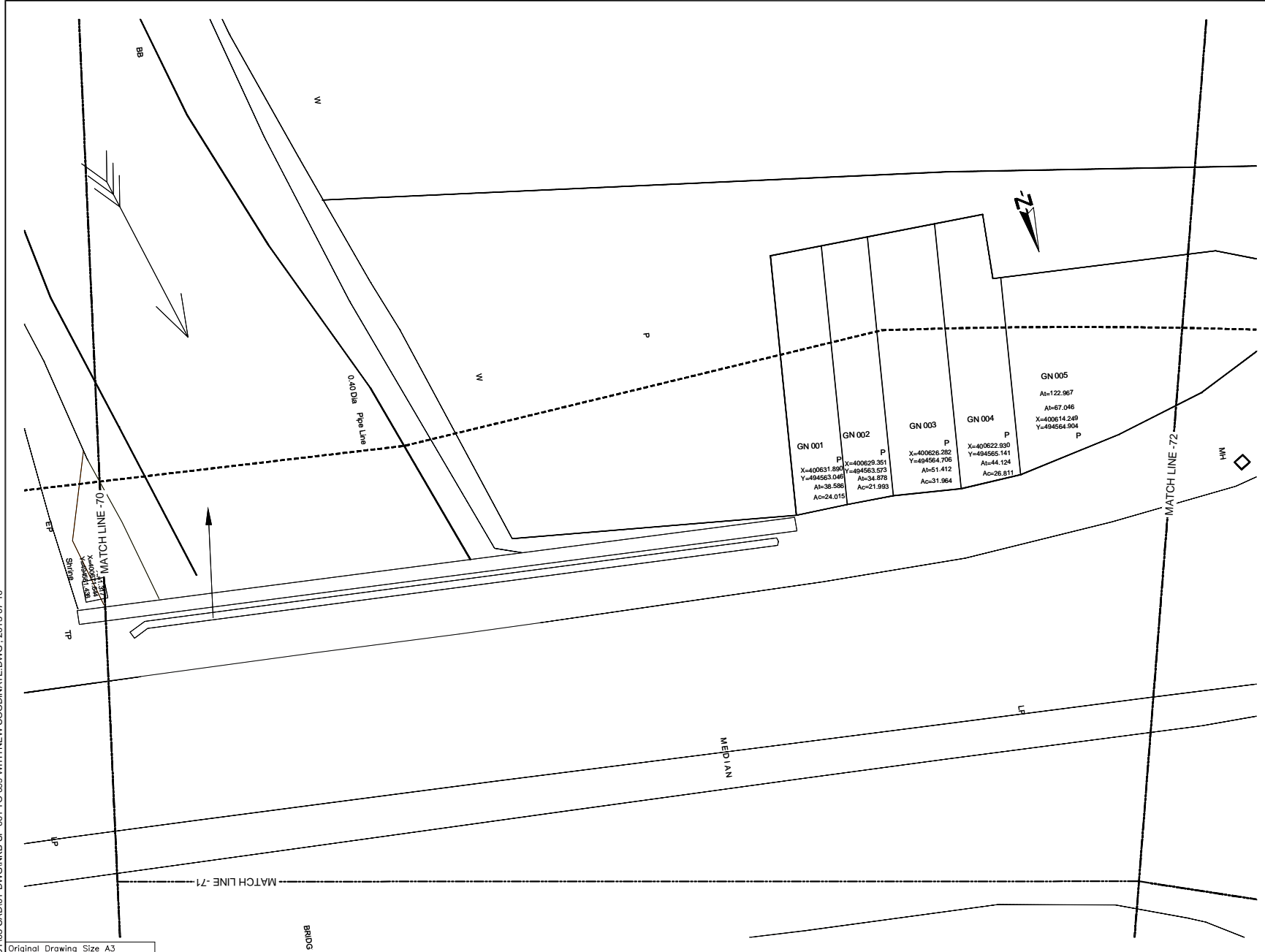
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PREPARATORY SURVEY ON TRAFFIC IMPROVEMENT PROJECT AROUND NEW KELANI BRIDGE

TRAFFIC IMPROVEMENT PROJECT AROUND 2nd NEW KELANI BRIDGE

DRG. NO: NKB-SP-084

U:\06-NKB PROJECT\03-CAD\01-DWG\NKB-SP-001 TO 089 WITH NEW COORDINATE.DWG\_2013-07-10



- REFERENCE**
- EP --- Electric Post
  - EPHT --- High Tension Electric Post
  - TP --- Telephone Post
  - CP --- Concrete Post
  - LP --- Lamp Post
  - NB --- Name Board
  - SB --- Sign Board
  - ROADS --- RDA (Boundary Stone)
  - TSP --- Traffic Signal Post
  - GS --- Guard Stone
  - GW --- Guard Wall
  - TRF --- Transformer
  - PB --- Pylon Base
  - FH --- Fire Hydrant
  - GB --- Gantry Base
  - BL --- Building Lavatory
  - BS --- Bus Shelter
  - CB --- Concrete Base
  - P --- Permanent Building
  - Ty --- Temporary Building
  - BUC --- Building Under Construction
  - FDN --- Foundation
  - V --- Valve
  - WV --- Water Valve
  - GHWT --- Over Head Water Tank
  - WT --- Water Tank
  - GL --- Gully
  - MH --- Manhole
  - MHT --- Manhole Telecom
  - MHW --- Manhole Water
  - MHS --- Manhole Sewer
  - TCB --- Telecom Cable Box
  - ECB --- Electric Cable Box
  - SPT --- Septic Tank
  - G --- Gate
  - GP --- Gate Post
  - CUL --- Culvert
  - MCh --- Masonry Drain
  - EDn --- Earth Drain
  - BB --- Bank Bottom
  - TB --- Bank Top
  - GBW --- Gabion Wall
  - EF --- Electric Fence
  - ECL --- Electric Cable Line Under Ground
  - ORL --- Oil Pipe Line
  - DF --- Dry Fence
  - IF --- Iron Fence
  - LF --- Live Fence
  - RW --- Retaining Wall
  - K --- Kerb
  - SF --- Stone Fence
  - W --- Wall
  - WF --- Wire Fence
  - WDF --- Wooden Fence
  - WLF --- Wire Live Fence
  - WMP --- Wire Mesh Fence
  - ZF --- Zinc Fence
- 0 2 4m  
SCALE 1:200

Original Drawing Size A3

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA  
MINISTRY OF PORTS AND HIGHWAYS

**Road Development Authority**

ORICONSLU Oriental Consultants Co., Ltd.

CEA Consulting Engineers & Architects Associated (Pvt) Ltd.

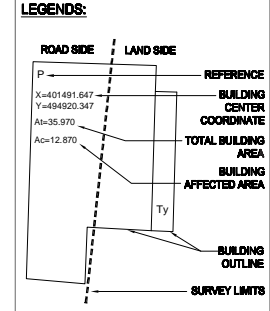
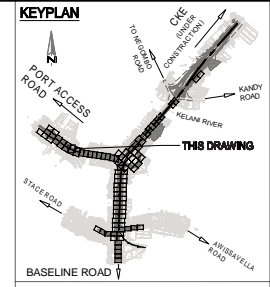
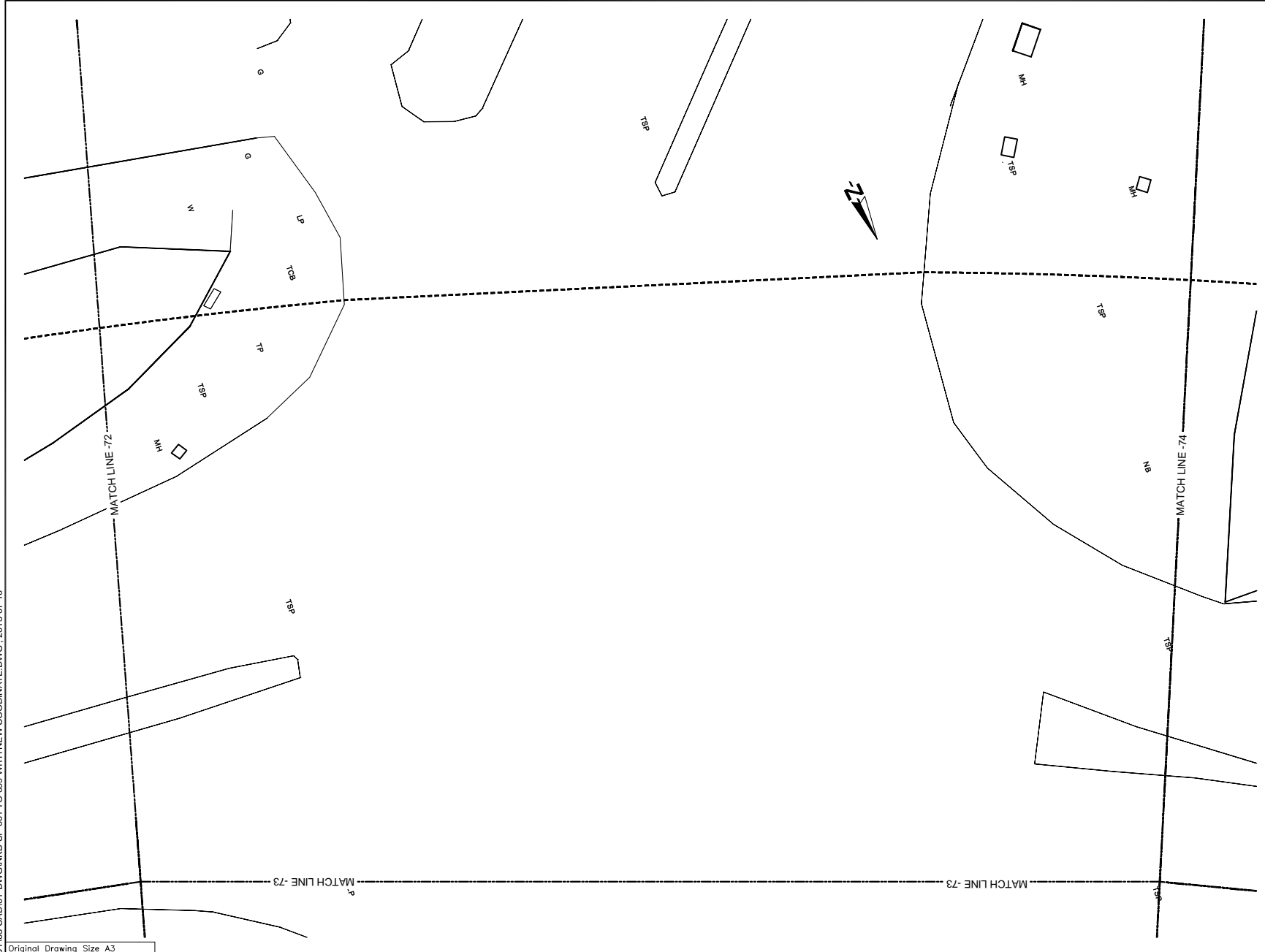
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PREPARATORY SURVEY ON TRAFFIC IMPROVEMENT PROJECT AROUND NEW KELANI BRIDGE

TRAFFIC IMPROVEMENT PROJECT AROUND 2nd NEW KELANI BRIDGE

DRG. NO: NKB-SP-085

U:\06-NKB PROJECT\03-CAD\01-DWG\NKB-SP-001 TO 099 WITH NEW COORDINATE.DWG, 2013-07-10



- REFERENCE**
- EP --- Electric Post
  - EPHT --- High Tension Electric Post
  - TP --- Telephone Post
  - CP --- Concrete Post
  - LP --- Lamp Post
  - NB --- Name Board
  - SB --- Sign Board
  - RDMBS --- RDA (Boundary Stone)
  - TSP --- Traffic Signal Post
  - GS --- Guard Stone
  - GW --- Guard Wall
  - TRE --- Transformer
  - PB --- Pylon Base
  - FH --- Fire Hydrant
  - GB --- Gantry Base
  - BL --- Building Lavatory
  - BS --- Bus Shelter
  - CB --- Concrete Base
  - P --- Permanent Building
  - Ty --- Temporary Building
  - BUC --- Building Under Construction
  - FDN --- Foundation
  - V --- Valve
  - WV --- Water Valve
  - GWMT --- Over Head Water Tank
  - WT --- Water Tank
  - GL --- Gully
  - MH --- Manhole
  - MHT --- Manhole Telecom
  - MHW --- Manhole Water
  - MHS --- Manhole Sewer
  - TCB --- Telecom Cable Box
  - ECB --- Electric Cable Box
  - SPT --- Septic Tank
  - G --- Gate
  - GP --- Gate Post
  - CUL --- Culvert
  - MCh --- Masonry Drain
  - EDn --- Earth Drain
  - BB --- Bank Bottom
  - TB --- Bank Top
  - GBW --- Gabion Wall
  - EF --- Electric Fence
  - ECL --- Electric Cable Line Under Ground
  - ORL --- Oil Pipe Line
  - DF --- Dry Fence
  - IF --- Iron Fence
  - LF --- Live Fence
  - RW --- Retaining Wall
  - K --- Kerb
  - SF --- Stone Fence
  - W --- Wall
  - WF --- Wire Fence
  - WDF --- Wooden Fence
  - WLF --- Wire Live Fence
  - WMP --- Wire Mesh Fence
  - ZF --- Zinc Fence
- 0 2 4m  
SCALE 1:200

Original Drawing Size A3

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA  
MINISTRY OF PORTS AND HIGHWAYS

**Road Development Authority**

ORIONCONSUL Oriental Consultants Co., Ltd.

CEA Consulting Engineers & Architects Associated (Pvt) Ltd.

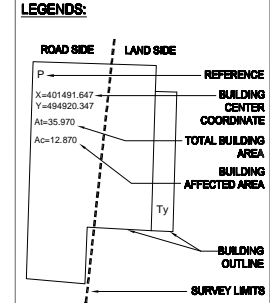
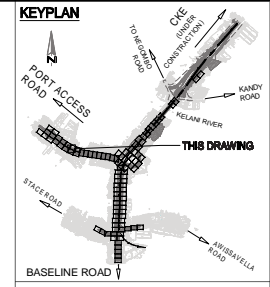
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PREPARATORY SURVEY ON TRAFFIC IMPROVEMENT PROJECT AROUND NEW KELANI BRIDGE

TRAFFIC IMPROVEMENT PROJECT AROUND 2nd NEW KELANI BRIDGE

DRG. NO: NKB-SP-086

U:\05-NKB PROJECT\03-CAD\01-DWG\NKB-SP-001 TO 089 WITH NEW COORDINATE.DWG\_2013-07-10



- REFERENCE**
- EP --- Electric Post
  - EPHT --- High Tension Electric Post
  - TP --- Telephone Post
  - CP --- Concrete Post
  - LP --- Lamp Post
  - NB --- Name Board
  - SB --- Sign Board
  - RDA(S) --- RDA (Boundary Stone)
  - TSP --- Traffic Signal Post
  - GS --- Guard Stone
  - GW --- Guard Wall
  - TRF --- Transformer
  - PB --- Pylon Base
  - FH --- Fire Hydrant
  - GB --- Gantry Base
  - BL --- Building Lavatory
  - BS --- Bus Shelter
  - CB --- Concrete Base
  - P --- Permanent Building
  - Ty --- Temporary Building
  - BUC --- Building Under Construction
  - FDN --- Foundation
  - V --- Valve
  - WV --- Water Valve
  - OWWT --- Over Head Water Tank
  - WT --- Water Tank
  - GL --- Gully
  - MH --- Manhole
  - MHT --- Manhole Telecom
  - MHW --- Manhole Water
  - MHS --- Manhole Sewer
  - TCB --- Telecom Cable Box
  - ECB --- Electric Cable Box
  - SPT --- Septic Tank
  - G --- Gate
  - GP --- Gate Post
  - CUL --- Culvert
  - MCh --- Masonry Drain
  - EDn --- Earth Drain
  - BB --- Bank Bottom
  - TB --- Bank Top
  - GBW --- Gabion Wall
  - EF --- Electric Fence
  - ECL --- Electric Cable Line Under Ground
  - ORL --- Oil Pipe Line
  - DF --- Dry Fence
  - IF --- Iron Fence
  - LF --- Live Fence
  - RW --- Retaining Wall
  - K --- Kerb
  - SF --- Stone Fence
  - W --- Wall
  - WF --- Wire Fence
  - WDF --- Wooden Fence
  - WLF --- Wire Live Fence
  - WMP --- Wire Mesh Fence
  - ZF --- Zinc Fence
- 0 2 4m  
SCALE 1:200

Original Drawing Size A3

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA  
MINISTRY OF PORTS AND HIGHWAYS

**Road Development Authority**

Oriental Consultants Co., Ltd.

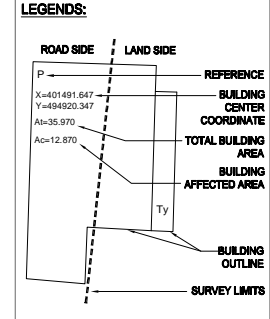
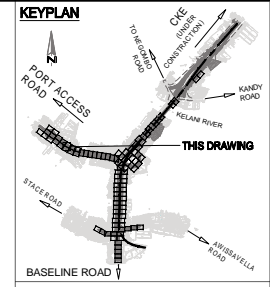
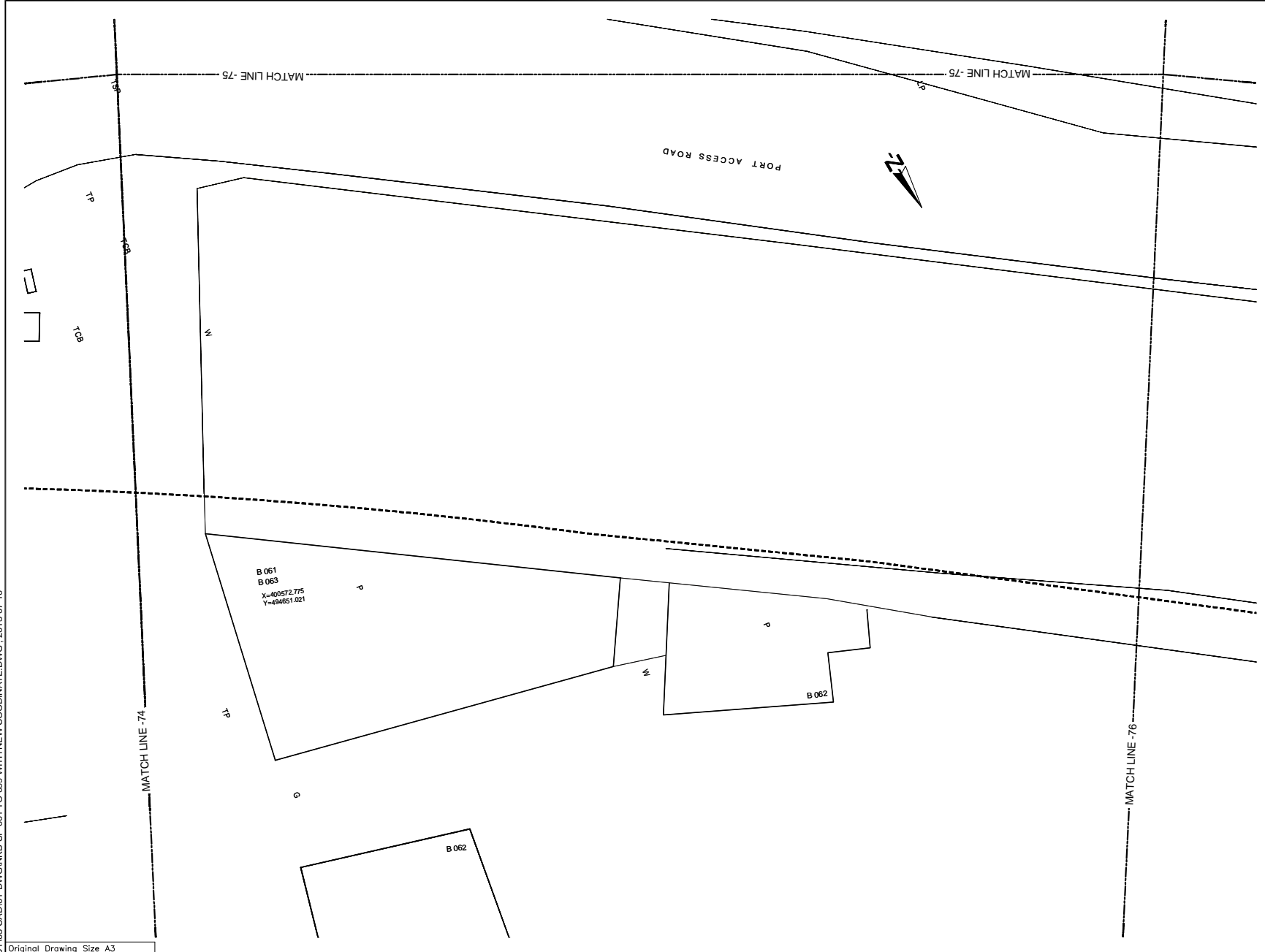
Consulting Engineers & Architects Associated (Pvt) Ltd.

NO	DATE	DESCRIPTION

PREPARATORY SURVEY ON TRAFFIC IMPROVEMENT PROJECT AROUND NEW KELANI BRIDGE

TRAFFIC IMPROVEMENT PROJECT AROUND 2nd NEW KELANI BRIDGE  
DRG. NO: NKB-SP-087

U:\06-NKB PROJECT\03-CAD\01-DWG\NKB-SP-001 TO 088 WITH NEW COORDINATE.DWG - 2013-07-10



- REFERENCE**
- EP --- Electric Post
  - EPHT --- High Tension Electric Post
  - TP --- Telephone Post
  - CP --- Concrete Post
  - LP --- Lamp Post
  - NB --- Name Board
  - SB --- Sign Board
  - RDMBS --- RDA (Boundary Stone)
  - TSP --- Traffic Signal Post
  - GS --- Guard Stone
  - GW --- Guard Wall
  - TRE --- Transformer
  - PB --- Pylon Base
  - FH --- Fire Hydrant
  - GB --- Gantry Base
  - BL --- Building Lavatory
  - BS --- Bus Shelter
  - CB --- Concrete Base
  - P --- Permanent Building
  - Ty --- Temporary Building
  - BUC --- Building Under Construction
  - FDN --- Foundation
  - V --- Valve
  - WV --- Water Valve
  - GWMT --- Over Head Water Tank
  - WT --- Water Tank
  - GL --- Gully
  - MH --- Manhole
  - MHT --- Manhole Telecom
  - MHW --- Manhole Water
  - MHS --- Manhole Sewer
  - TCB --- Telecom Cable Box
  - ECB --- Electric Cable Box
  - SPT --- Septic Tank
  - G --- Gate
  - GP --- Gate Post
  - CUL --- Culvert
  - MCh --- Masonry Drain
  - EDn --- Earth Drain
  - BB --- Bank Bottom
  - TB --- Bank Top
  - GBW --- Gabion Wall
  - EF --- Electric Fence
  - ECL --- Electric Cable Line Under Ground
  - ORL --- Oil Pipe Line
  - DF --- Dry Fence
  - IF --- Iron Fence
  - LF --- Live Fence
  - RW --- Retaining Wall
  - K --- Kerb
  - SF --- Stone Fence
  - W --- Wall
  - WF --- Wire Fence
  - WDF --- Wooden Fence
  - WLF --- Wire Live Fence
  - WMP --- Wire Mesh Fence
  - ZF --- Zinc Fence

Original Drawing Size A3

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA  
MINISTRY OF PORTS AND HIGHWAYS

**Road Development Authority**

ORICONSLU Oriental Consultants Co., Ltd.

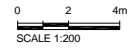
CEA Consulting Engineers & Architects Associated (Pvt) Ltd.

NO	DATE	DESCRIPTION

PREPARATORY SURVEY ON TRAFFIC IMPROVEMENT PROJECT AROUND NEW KELANI BRIDGE

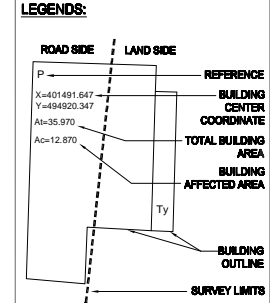
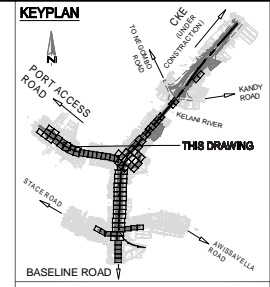
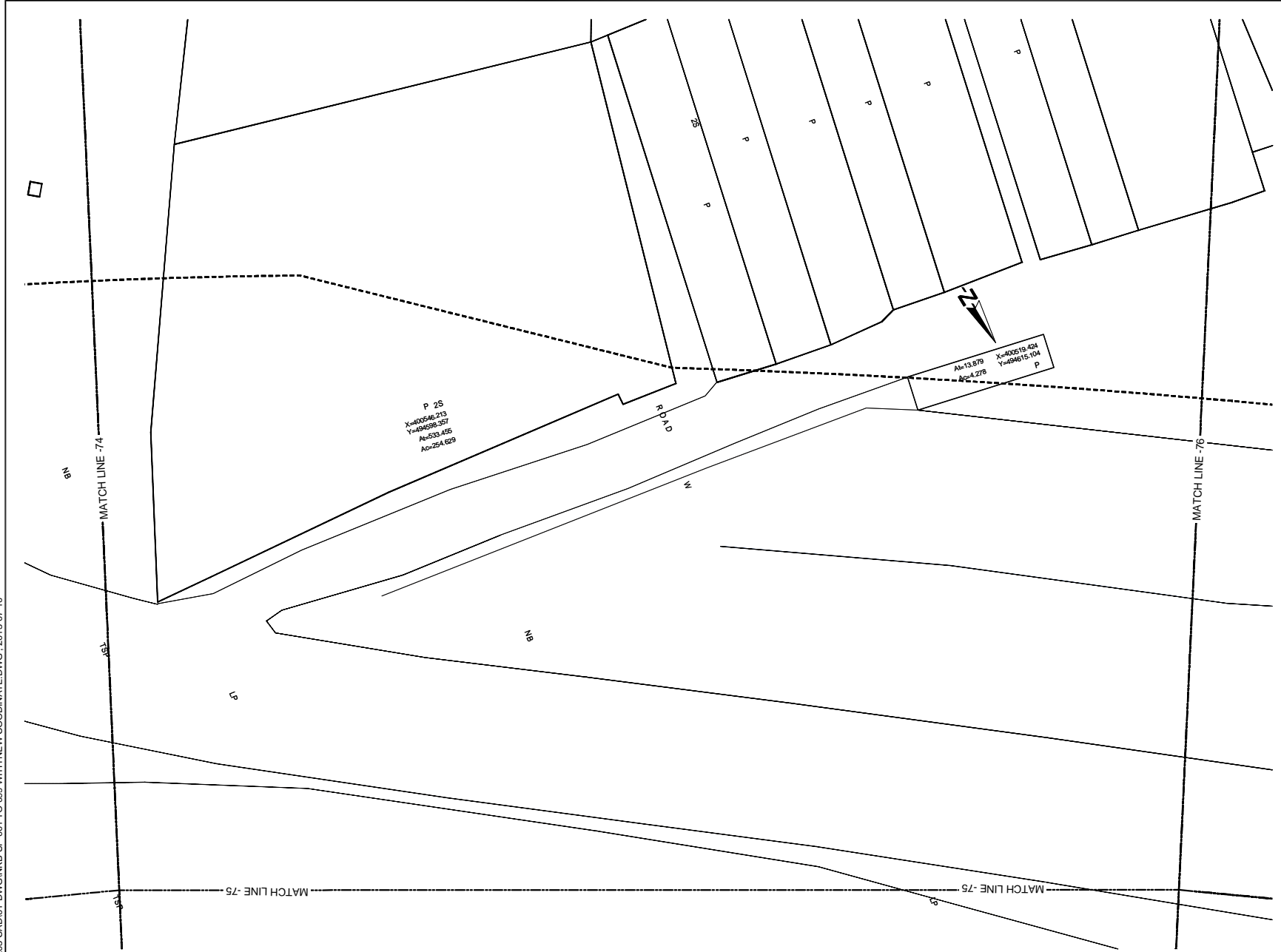
TRAFFIC IMPROVEMENT PROJECT AROUND 2nd NEW KELANI BRIDGE

DRG. NO: NKB-SP-088





U:\06-NKB PROJECT\03-CAD\01-DWG\NKB-SP-001 TO 089 WITH NEW COORDINATE.DWG\_2013-07-10



- REFERENCE**
- EP --- Electric Post
  - EPHT --- High Tension Electric Post
  - TP --- Telephone Post
  - CP --- Concrete Post
  - LP --- Lamp Post
  - NB --- Name Board
  - SB --- Sign Board
  - RDMBS --- RDM (Boundary Stone)
  - TSP --- Traffic Signal Post
  - GS --- Guard Stone
  - GW --- Guard Wall
  - TRF --- Transformer
  - PB --- Pylon Base
  - FH --- Fire Hydrant
  - GB --- Gantry Base
  - BL --- Building Lavatory
  - BS --- Bus Shelter
  - CB --- Concrete Base
  - P --- Permanent Building
  - Ty --- Temporary Building
  - BUC --- Building Under Construction
  - FDN --- Foundation
  - V --- Valve
  - WV --- Water Valve
  - OWMT --- Over Head Water Tank
  - WT --- Water Tank
  - GL --- Gully
  - MH --- Manhole
  - MHT --- Manhole Telecom
  - MHW --- Manhole Water
  - MHS --- Manhole Sewer
  - TCB --- Telecom Cable Box
  - ECB --- Electric Cable Box
  - SPT --- Septic Tank
  - G --- Gate
  - GP --- Gate Post
  - CUL --- Culvert
  - MCh --- Masonry Drain
  - EDn --- Earth Drain
  - BB --- Bank Bottom
  - TB --- Bank Top
  - GBW --- Gabion Wall
  - EF --- Electric Fence
  - ECL --- Electric Cable Line Under Ground
  - ORL --- Oil Pipe Line
  - DF --- Dry Fence
  - IF --- Iron Fence
  - LF --- Live Fence
  - RW --- Retaining Wall
  - K --- Kerb
  - SF --- Stone Fence
  - W --- Wall
  - WF --- Wire Fence
  - WDF --- Wooden Fence
  - WLF --- Wire Live Fence
  - WMP --- Wire Mesh Fence
  - ZF --- Zinc Fence
- 0 2 4m  
 SCALE 1:200

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA  
 MINISTRY OF PORTS AND HIGHWAYS

**Road Development Authority**

ORICONSLU Oriental Consultants Co., Ltd.

CEA Consulting Engineers & Architects Associated (Pvt) Ltd.

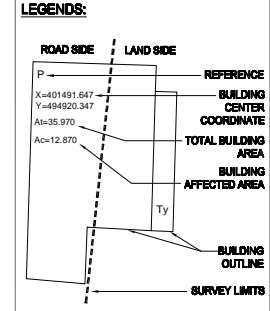
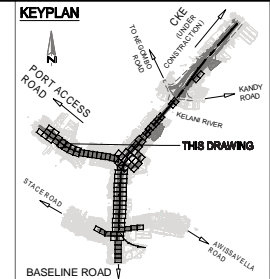
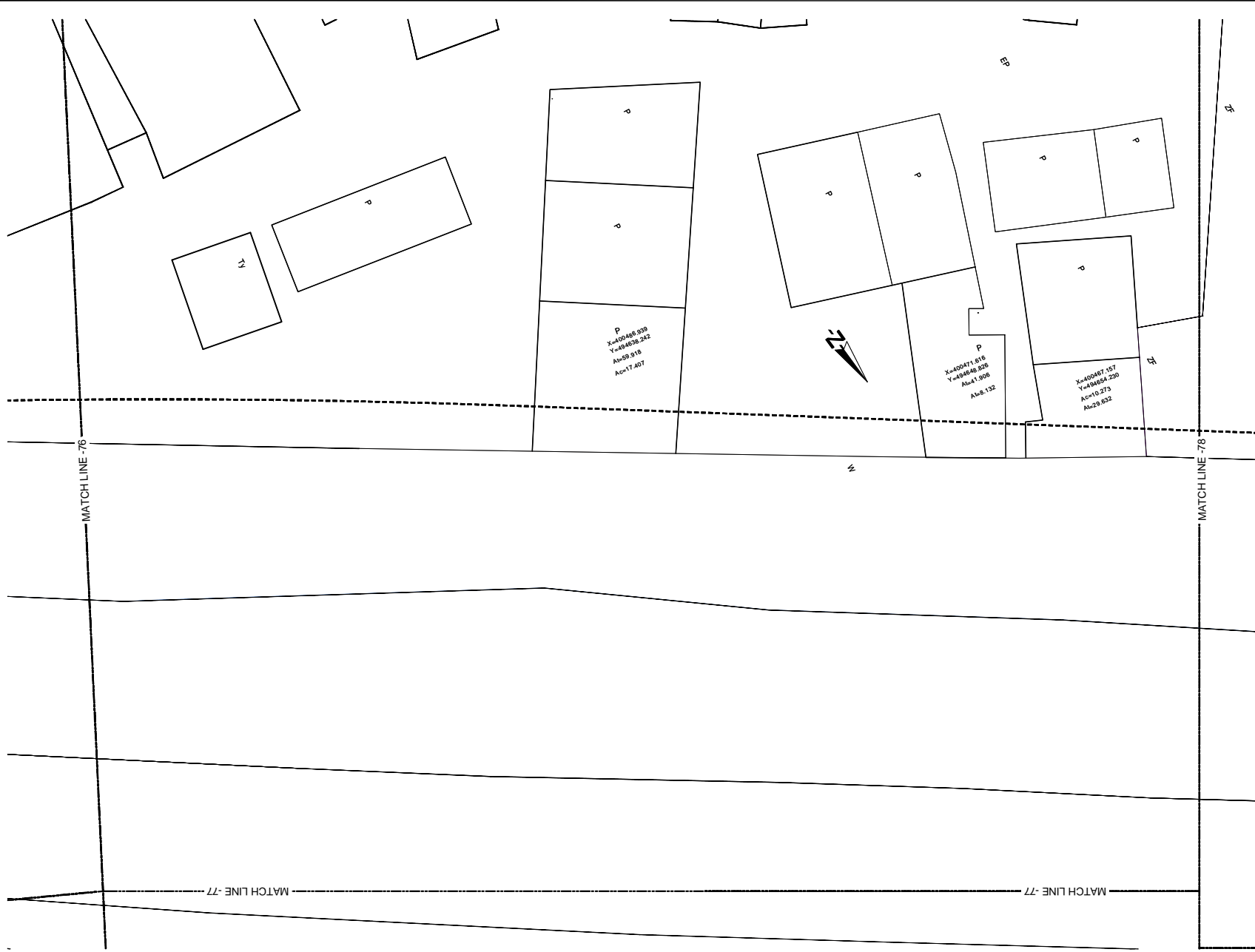
NO	DATE	DESCRIPTION

PREPARATORY SURVEY ON TRAFFIC IMPROVEMENT PROJECT AROUND NEW KELANI BRIDGE

TRAFFIC IMPROVEMENT PROJECT AROUND 2nd NEW KELANI BRIDGE

DRG. NO: NKB-SP-089

U:\05-NKB PROJECT\03-CAD\01-DWG\NKB-SP-001 TO 099 WITH NEW COORDINATE.DWG\_2013-07-10



- REFERENCE**
- EP --- Electric Post
  - EPHT --- High Tension Electric Post
  - TP --- Telephone Post
  - CP --- Concrete Post
  - LP --- Lamp Post
  - NB --- Name Board
  - SB --- Sign Board
  - RDBS --- RDA (Boundary Stone)
  - TSP --- Traffic Signal Post
  - GS --- Guard Stone
  - GW --- Guard Wall
  - TRE --- Transformer
  - PB --- Pylon Base
  - FH --- Fire Hydrant
  - GB --- Gantry Base
  - BL --- Building Lavatory
  - BS --- Bus Shelter
  - CB --- Concrete Base
  - P --- Permanent Building
  - Ty --- Temporary Building
  - BUC --- Building Under Construction
  - FDN --- Foundation
  - V --- Valve
  - WV --- Water Valve
  - OWMT --- Over Head Water Tank
  - WT --- Water Tank
  - GL --- Gully
  - MH --- Manhole
  - MHT --- Manhole Telecom
  - MHW --- Manhole Water
  - MHS --- Manhole Sewer
  - TCB --- Telecom Cable Box
  - ECB --- Electric Cable Box
  - SPT --- Septic Tank
  - G --- Gate
  - GP --- Gate Post
  - CUL --- Culvert
  - MCh --- Masonry Drain
  - EDn --- Earth Drain
  - BB --- Bank Bottom
  - TB --- Bank Top
  - GBW --- Gabion Wall
  - EF --- Electric Fence
  - ECL --- Electric Cable Line Under Ground
  - ORL --- Oil Pipe Line
  - DF --- Dry Fence
  - IF --- Iron Fence
  - LF --- Live Fence
  - RW --- Retaining Wall
  - K --- Kerb
  - SF --- Stone Fence
  - W --- Wall
  - WF --- Wire Fence
  - WDF --- Wooden Fence
  - WLF --- Wire Live Fence
  - WMP --- Wire Mesh Fence
  - ZF --- Zinc Fence
- 0 2 4m  
SCALE 1:200

Original Drawing Size A3

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA  
MINISTRY OF PORTS AND HIGHWAYS

**Road Development Authority**

Oriental Consultants Co., Ltd.

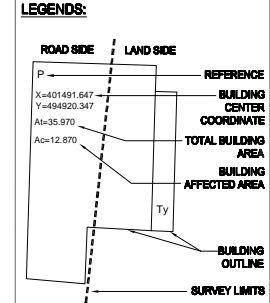
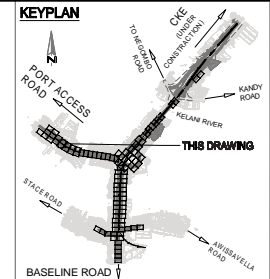
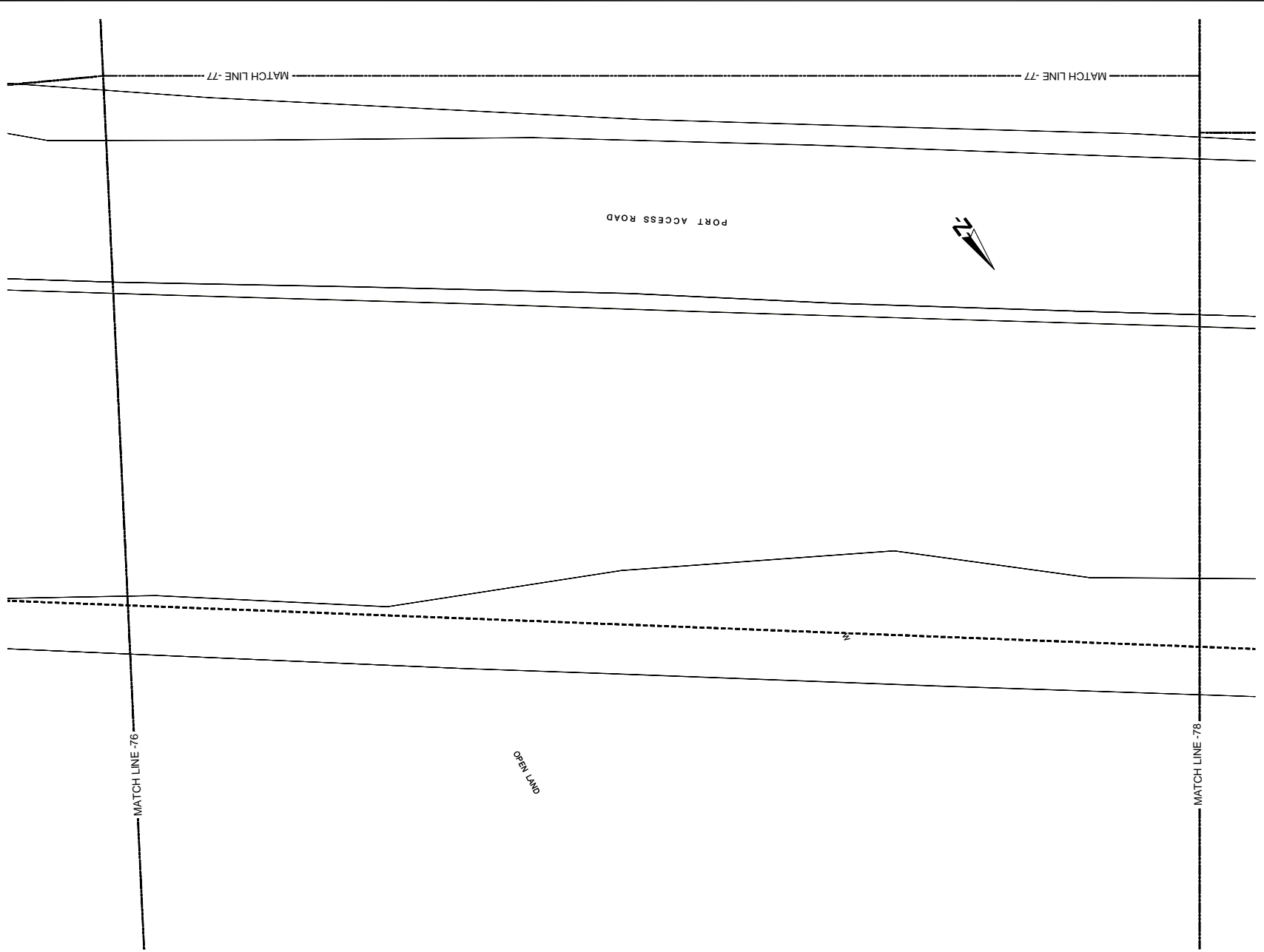
Consulting Engineers & Architects Associated (Pvt) Ltd.

NO	DATE	DESCRIPTION

PREPARATORY SURVEY ON TRAFFIC IMPROVEMENT PROJECT AROUND NEW KELANI BRIDGE

TRAFFIC IMPROVEMENT PROJECT AROUND 2nd NEW KELANI BRIDGE  
DRG. NO: NKB-SP-090

U:\06-NKB PROJECT\03-CAD\01-DWG\NKB-SP-001 TO 099 WITH NEW COORDINATE.DWG, 2013-07-10



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  - Ty --- Temporary Building
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  - WV --- Water Valve
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  - LF --- Live Fence
  - RW --- Retaining Wall
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  - W --- Wall
  - WF --- Wire Fence
  - WDF --- Wooden Fence
  - WLF --- Wire Live Fence
  - WMP --- Wire Mesh Fence
  - ZF --- Zinc Fence
- 0 2 4m  
SCALE 1:200

Original Drawing Size A3

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA  
MINISTRY OF PORTS AND HIGHWAYS

**Road Development Authority**

Oriental Consultants Co., Ltd.

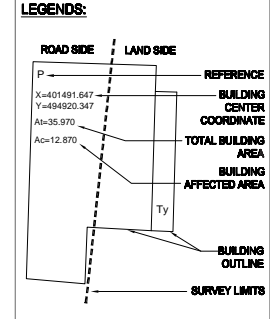
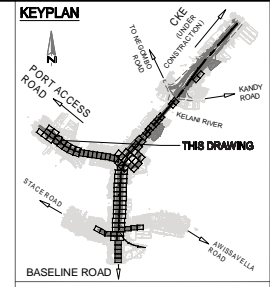
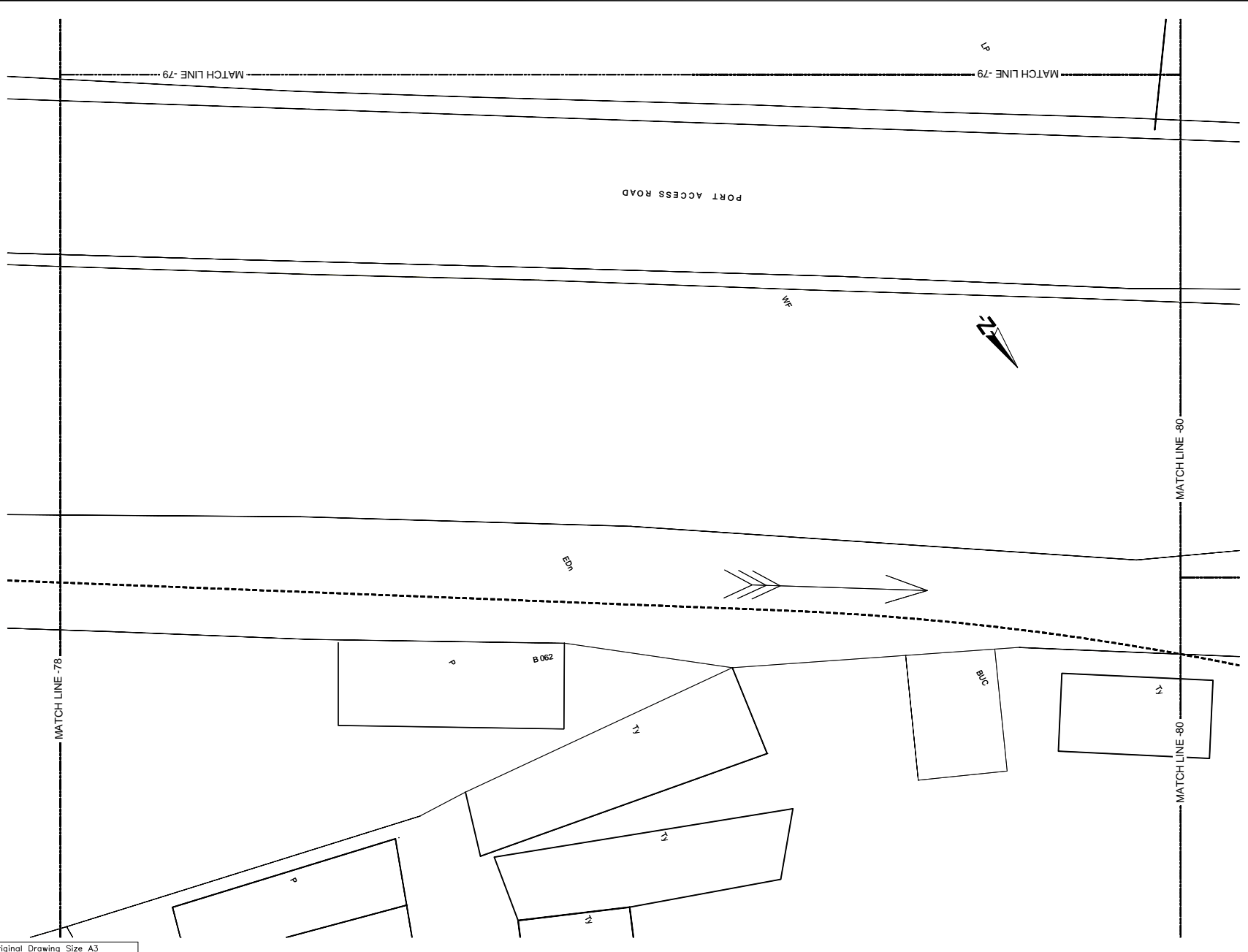
Consulting Engineers & Architects Associated (Pvt) Ltd.

NO	DATE	DESCRIPTION

PREPARATORY SURVEY ON TRAFFIC IMPROVEMENT PROJECT AROUND NEW KELANI BRIDGE

TRAFFIC IMPROVEMENT PROJECT AROUND 2nd NEW KELANI BRIDGE  
DRG. NO: NKB-SP-091

U:\06-NKB PROJECT\03-CAD\01-DWG\NKB-SP-001 TO 099 WITH NEW COORDINATE.DWG\_2013-07-10



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  - GS --- Guard Stone
  - GW --- Guard Wall
  - TRF --- Transformer
  - PB --- Pylon Base
  - FH --- Fire Hydrant
  - GB --- Gantry Base
  - BL --- Building Lavatory
  - BS --- Bus Shelter
  - CB --- Concrete Base
  - P --- Permanent Building
  - Ty --- Temporary Building
  - BUC --- Building Under Construction
  - FDN --- Foundation
  - V --- Valve
  - WV --- Water Valve
  - OWMT --- Over Head Water Tank
  - WT --- Water Tank
  - GL --- Gully
  - MH --- Manhole
  - MHT --- Manhole Telecom
  - MHW --- Manhole Water
  - MHS --- Manhole Sewer
  - TCB --- Telecom Cable Box
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  - SPT --- Septic Tank
  - G --- Gate
  - GP --- Gate Post
  - C&L --- Culvert
  - MCh --- Masonry Drain
  - EDn --- Earth Drain
  - BB --- Bank Bottom
  - TB --- Bank Top
  - GBW --- Gabion Wall
  - EF --- Electric Fence
  - ECL --- Electric Cable Line Under Ground
  - ORL --- Oil Pipe Line
  - DF --- Dry Fence
  - IF --- Iron Fence
  - LF --- Live Fence
  - RW --- Retaining Wall
  - K --- Kerb
  - SF --- Stone Fence
  - W --- Wall
  - WF --- Wire Fence
  - WDF --- Wooden Fence
  - WLF --- Wire Live Fence
  - WMP --- Wire Mesh Fence
  - ZF --- Zinc Fence
- 0 2 4m  
SCALE 1:200

Original Drawing Size A3

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA  
MINISTRY OF PORTS AND HIGHWAYS

**Road Development Authority**

Oriental Consultants Co., Ltd.

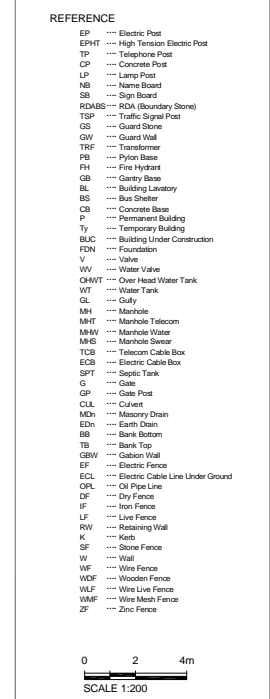
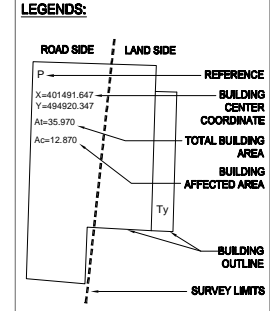
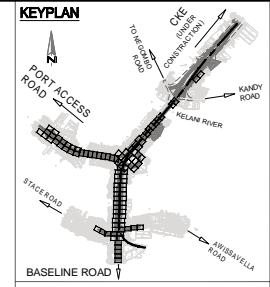
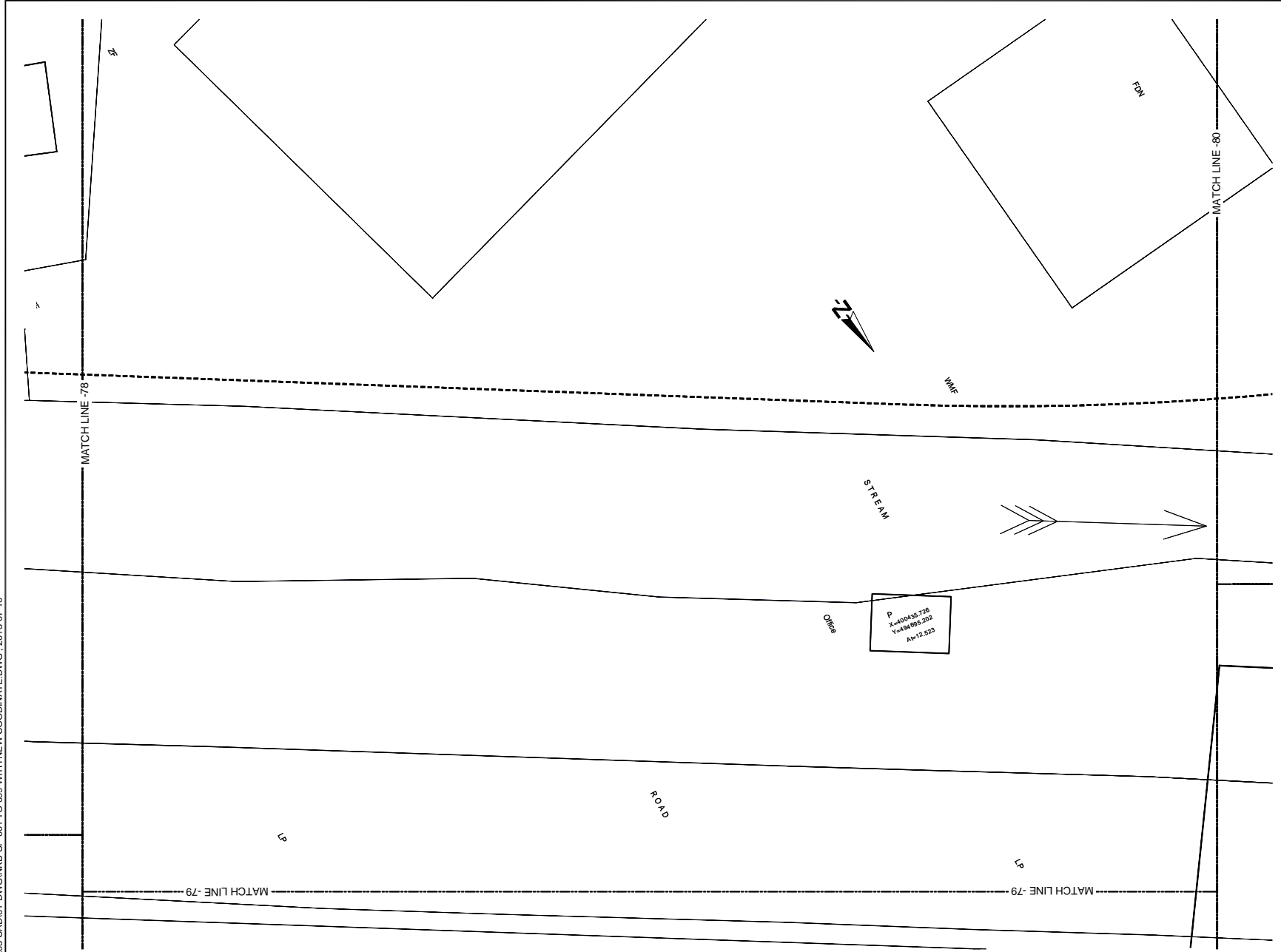
Consulting Engineers & Architects Associated (Pvt) Ltd.

NO	DATE	DESCRIPTION

PREPARATORY SURVEY ON TRAFFIC IMPROVEMENT PROJECT AROUND NEW KELANI BRIDGE

TRAFFIC IMPROVEMENT PROJECT AROUND 2nd NEW KELANI BRIDGE  
DRG. NO: NKB-SP-092

U:\06-NKB PROJECT\03-CAD\01-DWG\NKB-SP-001 TO 099 WITH NEW COORDINATE.DWG., 2013-07-10



Original Drawing Size A3

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA  
MINISTRY OF PORTS AND HIGHWAYS

**Road Development Authority**

ORICONSLU Oriental Consultants Co., Ltd.

CEA Consulting Engineers & Architects Associated (Pvt) Ltd.

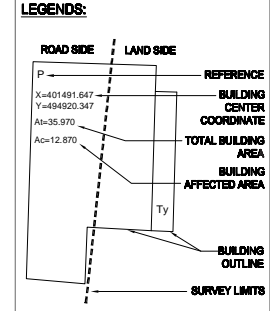
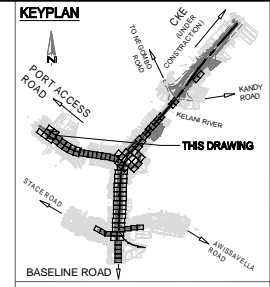
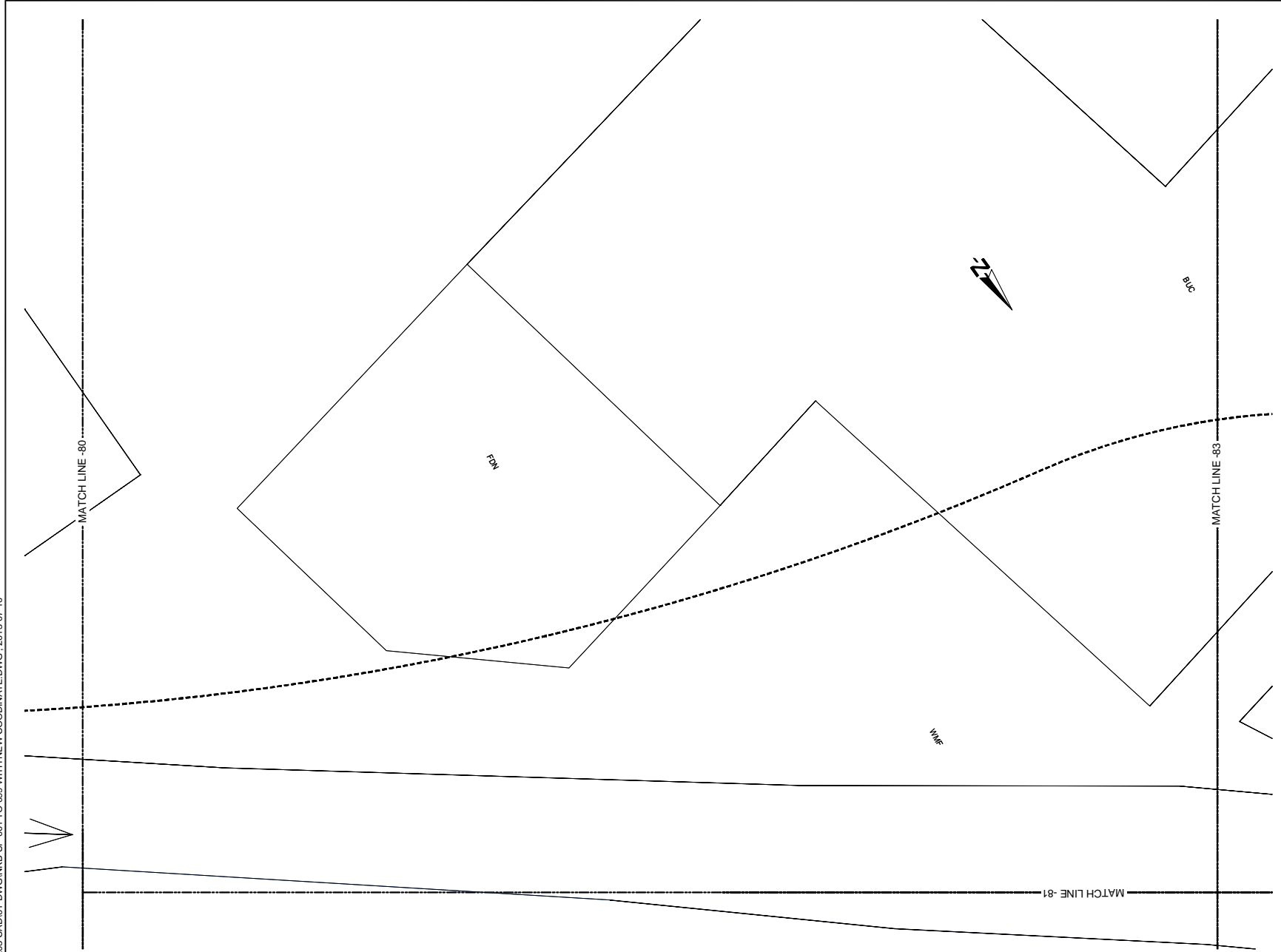
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PREPARATORY SURVEY ON TRAFFIC IMPROVEMENT PROJECT AROUND NEW KELANI BRIDGE

TRAFFIC IMPROVEMENT PROJECT AROUND 2nd NEW KELANI BRIDGE

DRG. NO: NKB-SP-093

U:\06-NKB PROJECT\03-CAD\01-DWG\NKB-SP-001 TO 099 WITH NEW COORDINATE.DWG\_2013-07-10



**REFERENCE**

- EP --- Electric Post
- EPHT --- High Tension Electric Post
- TP --- Telephone Post
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- NB --- Name Board
- SB --- Sign Board
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- GW --- Guard Wall
- TRE --- Transformer
- PB --- Pylon Base
- FH --- Fire Hydrant
- GB --- Gantry Base
- BL --- Building Lavatory
- BS --- Bus Shelter
- CB --- Concrete Base
- P --- Permanent Building
- Ty --- Temporary Building
- BUC --- Building Under Construction
- FDN --- Foundation
- V --- Valve
- WV --- Water Valve
- GWMT --- Over Head Water Tank
- WT --- Water Tank
- GL --- Gully
- MH --- Manhole
- MHT --- Manhole Telecom
- MHW --- Manhole Water
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- GP --- Gate Post
- C&L --- Culvert
- MCh --- Masonry Drain
- EDn --- Earth Drain
- BB --- Bank Bottom
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0 2 4m  
SCALE 1:200

Original Drawing Size A3

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA  
MINISTRY OF PORTS AND HIGHWAYS

**Road Development Authority**

**Oriental Consultants Co., Ltd.**

**Consulting Engineers & Architects Associated (Pvt) Ltd.**

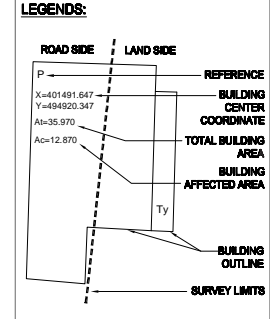
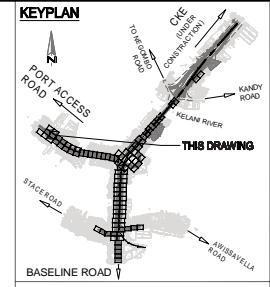
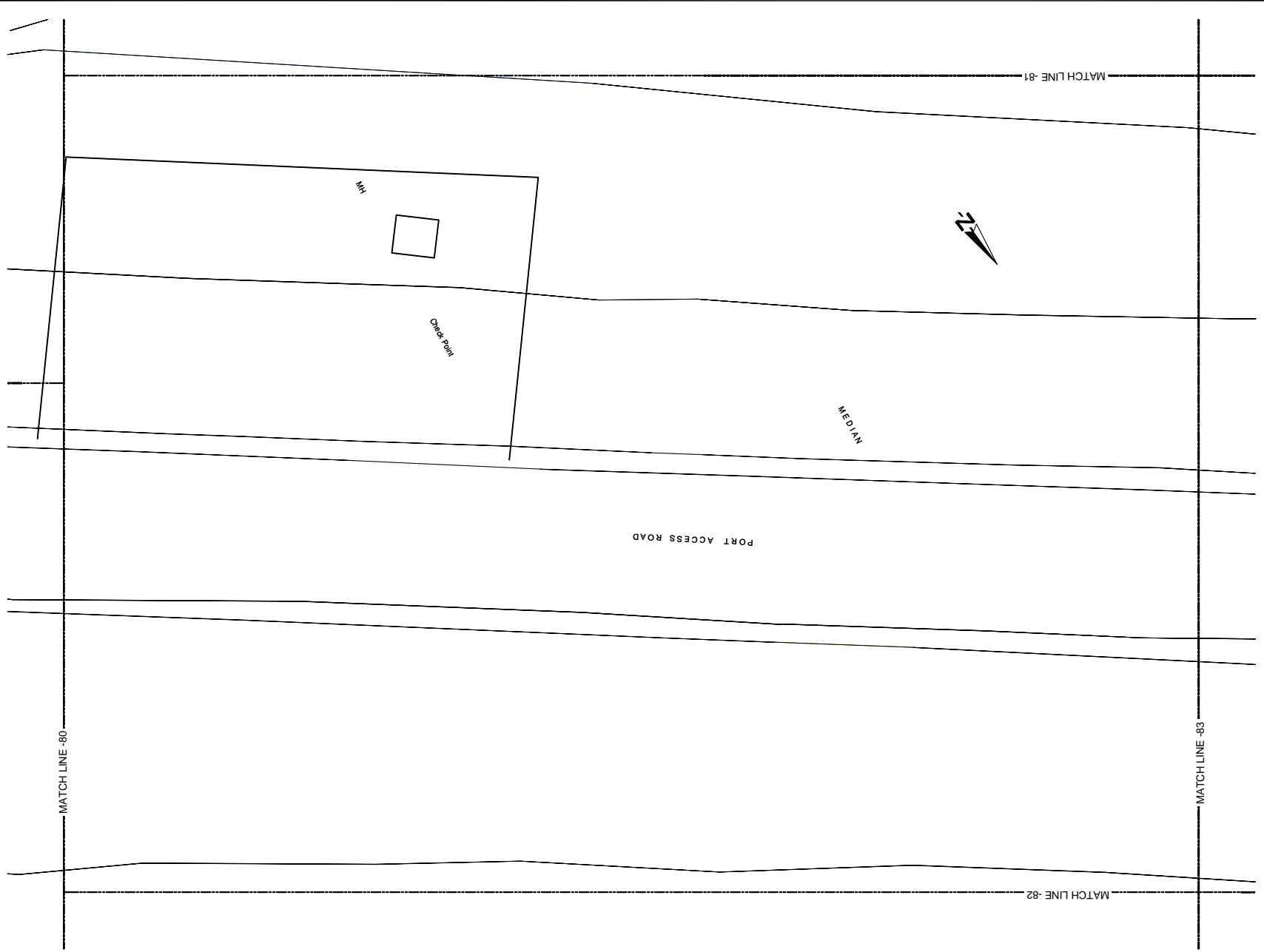
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**PREPARATORY SURVEY ON TRAFFIC IMPROVEMENT PROJECT AROUND NEW KELANI BRIDGE**

**TRAFFIC IMPROVEMENT PROJECT AROUND 2nd NEW KELANI BRIDGE**

DRG. NO: **NKB-SP-094**

U:\06-NKB PROJECT\03-CAD\01-DWG\NKB-SP-001 TO 099 WITH NEW COORDINATE.DWG\_2013-07-10



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- EP --- Electric Post
  - EPHT --- High Tension Electric Post
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  - WV --- Water Valve
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  - MH --- Manhole
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  - WMP --- Wire Mesh Fence
  - ZF --- Zinc Fence
- 0 2 4m  
SCALE 1:200

Original Drawing Size A3

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA  
MINISTRY OF PORTS AND HIGHWAYS

**Road Development Authority**

Oriental Consultants Co., Ltd.

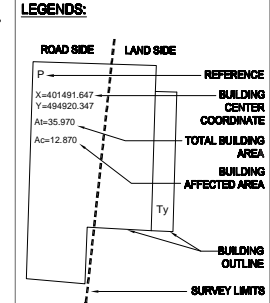
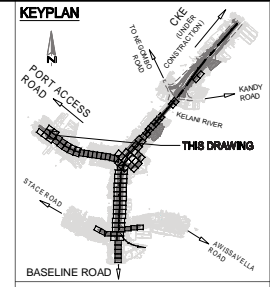
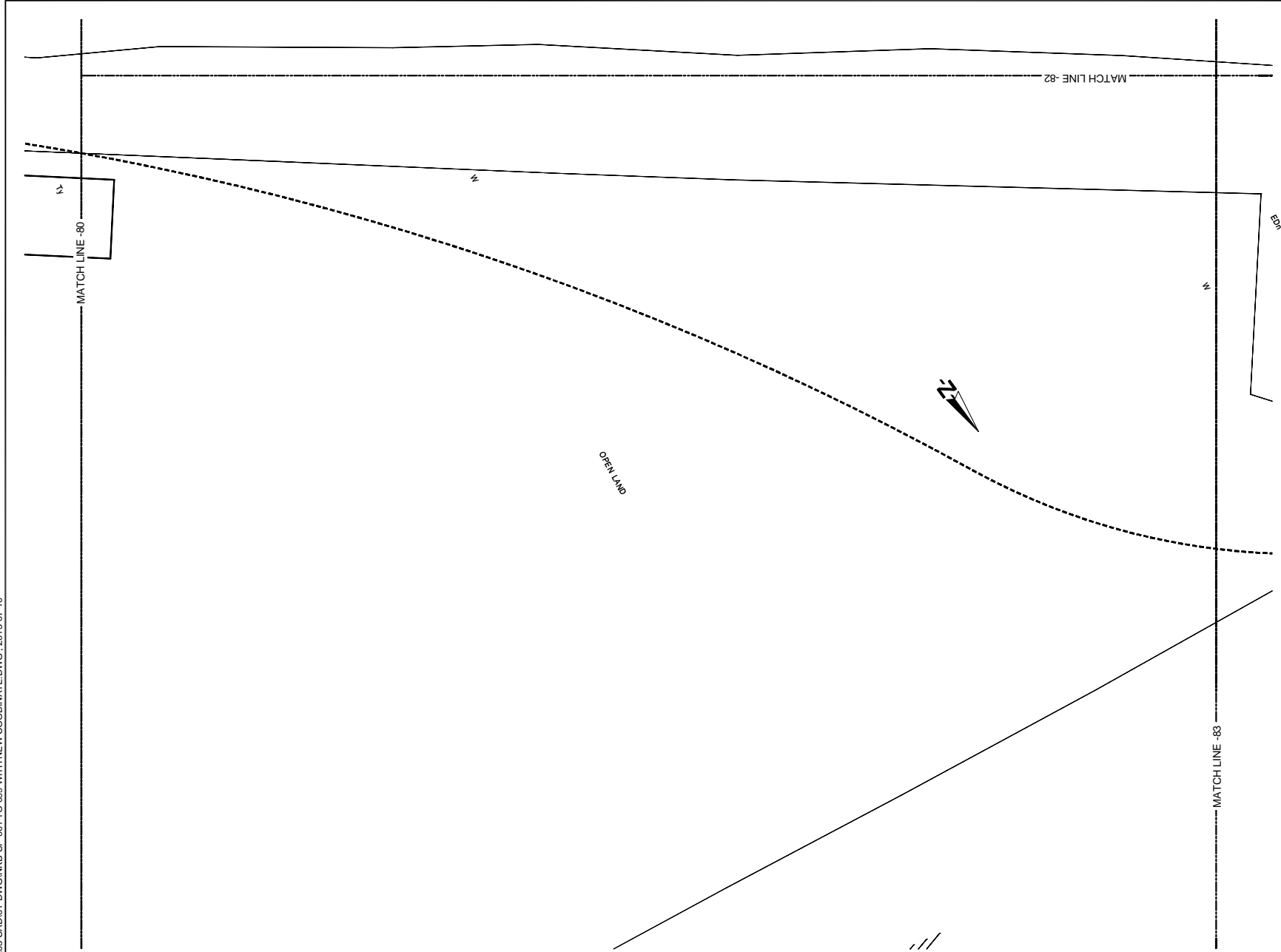
Consulting Engineers & Architects Associated (Pvt) Ltd.

NO	DATE	DESCRIPTION

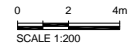
PREPARATORY SURVEY ON TRAFFIC IMPROVEMENT PROJECT AROUND NEW KELANI BRIDGE

TRAFFIC IMPROVEMENT PROJECT AROUND 2nd NEW KELANI BRIDGE  
DRG. NO: NKB-SP-095

U:\06-NKB PROJECT\03-CAD\01-DWG\NKB-SP-001 TO 099 WITH NEW COORDINATE.DWG - 2013-07-10



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Original Drawing Size A3

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA  
MINISTRY OF PORTS AND HIGHWAYS

**Road Development Authority**

Oriental Consultants Co., Ltd.

Consulting Engineers & Architects Associated (Pvt) Ltd.

NO	DATE	DESCRIPTION

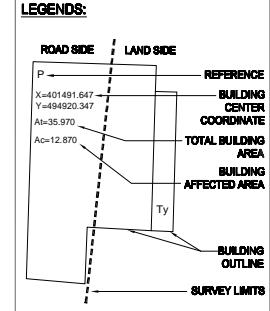
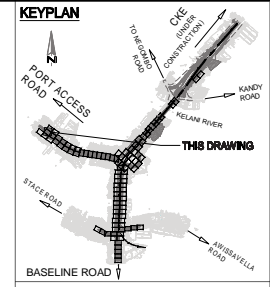
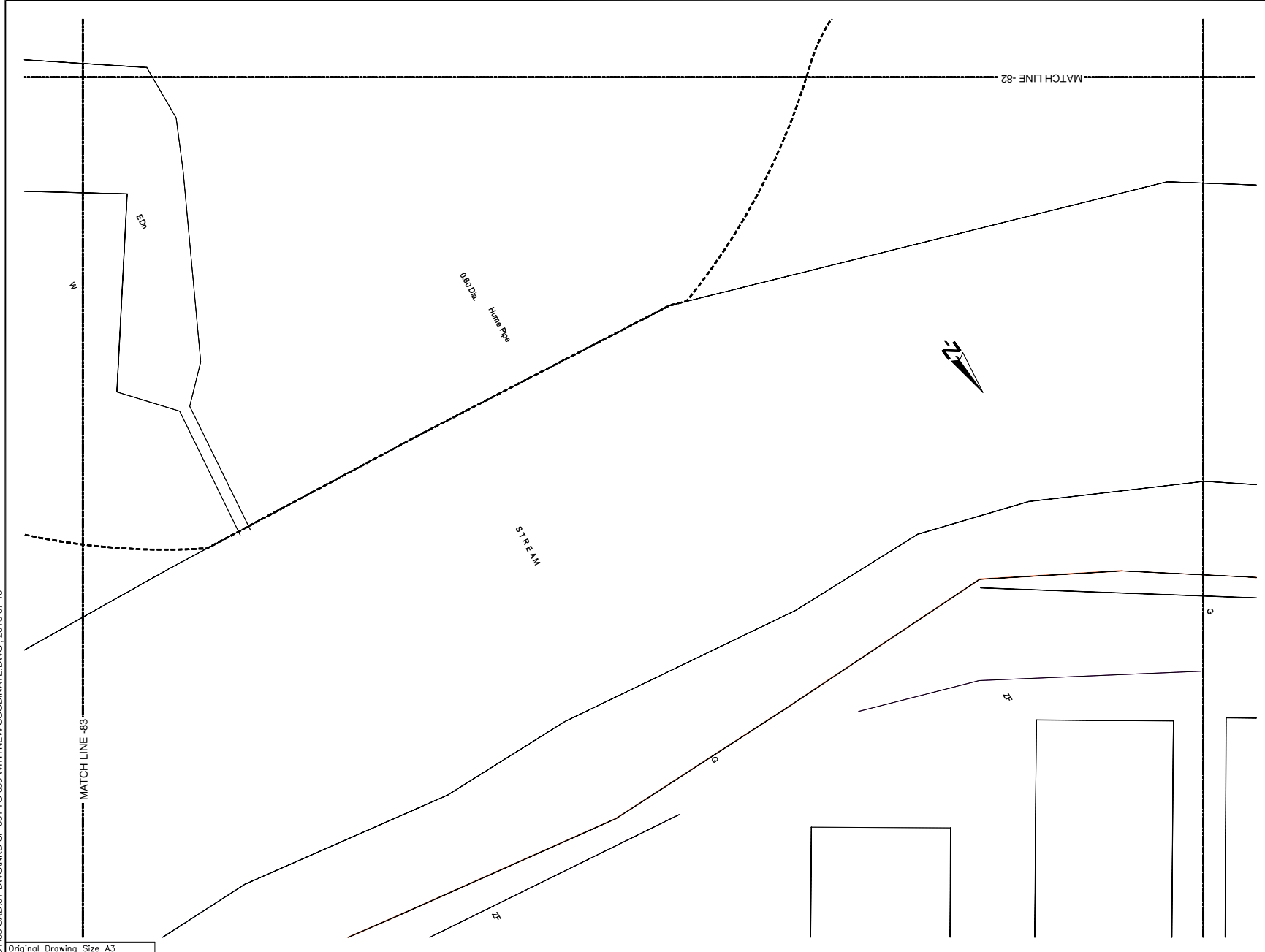
**PREPARATORY SURVEY ON TRAFFIC IMPROVEMENT PROJECT AROUND NEW KELANI BRIDGE**

**TRAFFIC IMPROVEMENT PROJECT AROUND 2nd NEW KELANI BRIDGE**

DRG. NO: **NKB-SP-096**



U:\06-NKB PROJECT\03-CAD\01-DWG\NKB-SP-001 TO 099 WITH NEW COORDINATE.DWG\_2013-07-10



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- 0 2 4m  
SCALE 1:200

Original Drawing Size A3

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA  
MINISTRY OF PORTS AND HIGHWAYS

**Road Development Authority**

Oriental Consultants Co., Ltd.

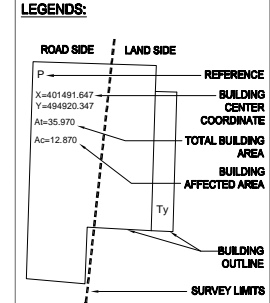
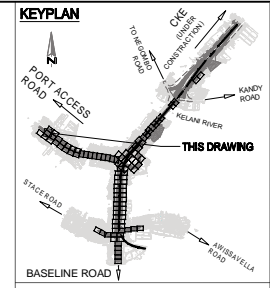
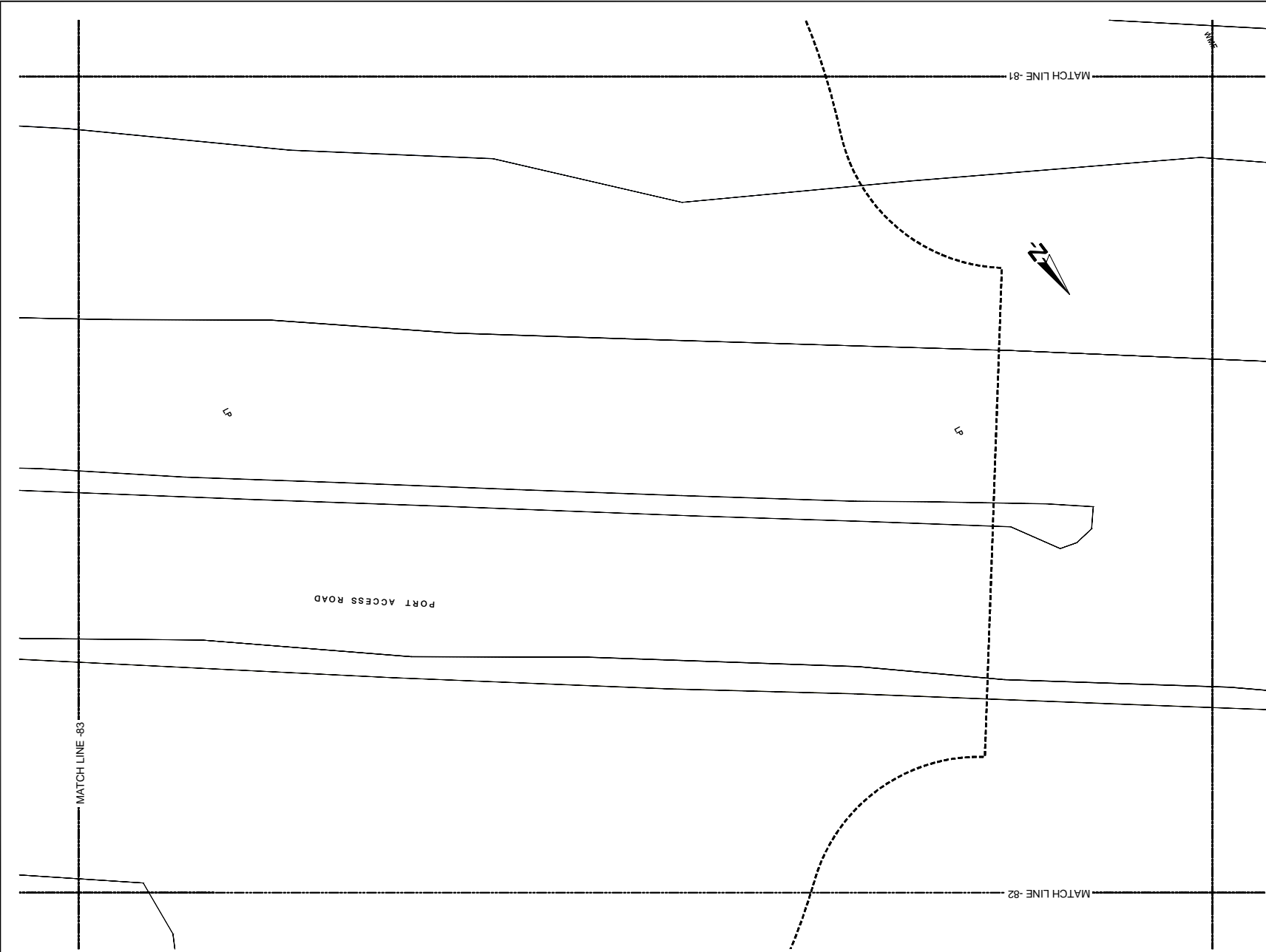
Consulting Engineers & Architects Associated (Pvt) Ltd.

NO	DATE	DESCRIPTION

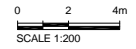
PREPARATORY SURVEY ON TRAFFIC IMPROVEMENT PROJECT AROUND NEW KELANI BRIDGE

TRAFFIC IMPROVEMENT PROJECT AROUND 2nd NEW KELANI BRIDGE  
DRG. NO: NKB-SP-097

U:\06-NKB PROJECT\03-CAD\01-DWG\NKB-SP-001 TO 099 WITH NEW COORDINATE.DWG., 2013-07-10



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  - TRE --- Transformer
  - PB --- Pylon Base
  - FH --- Fire Hydrant
  - GB --- Gantry Base
  - BL --- Building Lavatory
  - BS --- Bus Shelter
  - CB --- Concrete Base
  - P --- Permanent Building
  - Ty --- Temporary Building
  - BUC --- Building Under Construction
  - FDN --- Foundation
  - V --- Valve
  - WV --- Water Valve
  - OWMT --- Over Head Water Tank
  - WT --- Water Tank
  - GL --- Gully
  - MH --- Manhole
  - MHT --- Manhole Telecom
  - MHW --- Manhole Water
  - MHS --- Manhole Sewer
  - TCB --- Telecom Cable Box
  - ECB --- Electric Cable Box
  - SPT --- Septic Tank
  - G --- Gate
  - GP --- Gate Post
  - CUL --- Culvert
  - MCh --- Masonry Drain
  - EDn --- Earth Drain
  - BB --- Bank Bottom
  - TB --- Bank Top
  - GBW --- Gabion Wall
  - EF --- Electric Fence
  - ECL --- Electric Cable Line Under Ground
  - ORL --- Oil Pipe Line
  - DF --- Dry Fence
  - IF --- Iron Fence
  - LF --- Live Fence
  - RW --- Retaining Wall
  - K --- Kerb
  - SF --- Stone Fence
  - W --- Wall
  - WF --- Wire Fence
  - WDF --- Wooden Fence
  - WLF --- Wire Live Fence
  - WMP --- Wire Mesh Fence
  - ZF --- Zinc Fence



Original Drawing Size A3

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA  
MINISTRY OF PORTS AND HIGHWAYS

**Road Development Authority**

Oriental Consultants Co., Ltd.

Consulting Engineers & Architects Associated (Pvt) Ltd.

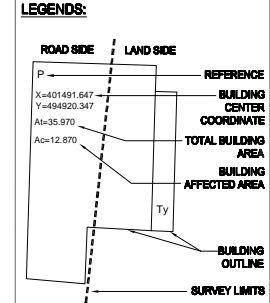
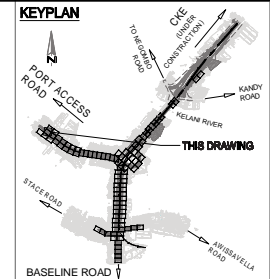
NO	DATE	DESCRIPTION

PREPARATORY SURVEY ON TRAFFIC IMPROVEMENT PROJECT AROUND NEW KELANI BRIDGE

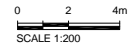
TRAFFIC IMPROVEMENT PROJECT AROUND 2nd NEW KELANI BRIDGE

DRG. NO : NKB-SP-098

U:\05-NKB PROJECT\03-CAD\01-DWG\NKB-SP-001 TO 099 WITH NEW COORDINATE.DWG - 2013-07-10



- REFERENCE**
- EP --- Electric Post
  - EPHT --- High Tension Electric Post
  - TP --- Telephone Post
  - CP --- Concrete Post
  - LP --- Lamp Post
  - NB --- Name Board
  - SB --- Sign Board
  - RDMS --- RDA (Boundary Stone)
  - TSP --- Traffic Signal Post
  - GS --- Guard Stone
  - GW --- Guard Wall
  - TRE --- Transformer
  - PB --- Pylon Base
  - FH --- Fire Hydrant
  - GB --- Gantry Base
  - BL --- Building Lantary
  - BS --- Bus Shelter
  - CB --- Concrete Base
  - P --- Permanent Building
  - Ty --- Temporary Building
  - BUC --- Building Under Construction
  - FDN --- Foundation
  - V --- Valve
  - WV --- Water Valve
  - GWMT --- Over Head Water Tank
  - WT --- Water Tank
  - GL --- Gully
  - MH --- Manhole
  - MHT --- Manhole Telecom
  - M/W --- Manhole Water
  - M/S --- Manhole Sewer
  - TCB --- Telecom Cable Box
  - ECB --- Electric Cable Box
  - SPT --- Septic Tank
  - G --- Gate
  - GP --- Gate Post
  - C/L --- Culvert
  - MCh --- Masonry Drain
  - EDn --- Earth Drain
  - BB --- Bank Bottom
  - TB --- Bank Top
  - GBW --- Gabion Wall
  - EF --- Electric Fence
  - ECL --- Electric Cable Line Under Ground
  - CP/L --- Oil Pipe Line
  - DF --- Dry Fence
  - IF --- Iron Fence
  - LF --- Live Fence
  - RW --- Retaining Wall
  - K --- Kerb
  - SF --- Stone Fence
  - W --- Wall
  - WF --- Wire Fence
  - WDF --- Wooden Fence
  - WLF --- Wire Live Fence
  - WMP --- Wire Mesh Fence
  - ZF --- Zinc Fence



Original Drawing Size A3

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA  
MINISTRY OF PORTS AND HIGHWAYS

**Road Development Authority**

Oriental Consultants Co., Ltd.

Consulting Engineers & Architects Associated (Pvt) Ltd.

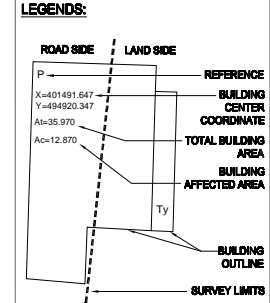
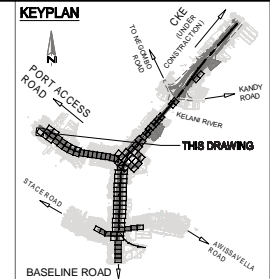
NO	DATE	DESCRIPTION

**PREPARATORY SURVEY ON TRAFFIC  
IMPROVEMENT PROJECT AROUND NEW KELANI  
BRIDGE**

**TRAFFIC IMPROVEMENT PROJECT  
AROUND 2nd NEW KELANI BRIDGE**

DRG. NO: **NKB-SP-99**

U:\06-NKB PROJECT\03-CAD\01-DWG\NKB-SP-001 TO 099 WITH NEW COORDINATE.DWG - 2013-07-10



- REFERENCE**
- EP --- Electric Post
  - EPHT --- High Tension Electric Post
  - TP --- Telephone Post
  - CP --- Concrete Post
  - LP --- Lamp Post
  - NB --- Name Board
  - SB --- Sign Board
  - RDMBS --- RDM (Boundary Stone)
  - TSP --- Traffic Signal Post
  - GS --- Guard Stone
  - GW --- Guard Wall
  - TRE --- Transformer
  - PB --- Pylon Base
  - FH --- Fire Hydrant
  - GB --- Gantry Base
  - BL --- Building Lavatory
  - BS --- Bus Shelter
  - CB --- Concrete Base
  - P --- Permanent Building
  - Ty --- Temporary Building
  - BUC --- Building Under Construction
  - FDN --- Foundation
  - V --- Valve
  - WV --- Water Valve
  - CHWT --- Over Head Water Tank
  - WT --- Water Tank
  - GL --- Gully
  - MH --- Manhole
  - MHT --- Manhole Telecom
  - MHW --- Manhole Water
  - MHS --- Manhole Sewer
  - TCB --- Telecom Cable Box
  - ECB --- Electric Cable Box
  - SPT --- Septic Tank
  - G --- Gate
  - GP --- Gate Post
  - C/L --- Culvert
  - MCh --- Masonry Drain
  - EDn --- Earth Drain
  - BB --- Bank Bottom
  - TB --- Bank Top
  - GBW --- Gabion Wall
  - EF --- Electric Fence
  - ECL --- Electric Cable Line Under Ground
  - ORL --- Oil Pipe Line
  - DF --- Dry Fence
  - IF --- Iron Fence
  - LF --- Live Fence
  - RW --- Retaining Wall
  - K --- Kerb
  - SF --- Stone Fence
  - W --- Wall
  - WF --- Wire Fence
  - WDF --- Wooden Fence
  - WLF --- Wire Live Fence
  - WMP --- Wire Mesh Fence
  - ZF --- Zinc Fence
- 0 2 4m  
SCALE 1:200

Original Drawing Size A3

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA  
MINISTRY OF PORTS AND HIGHWAYS

**Road Development Authority**

Oriental Consultants Co., Ltd.

Consulting Engineers & Architects Associated (Pvt) Ltd.

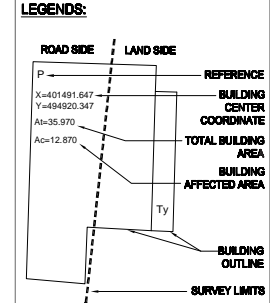
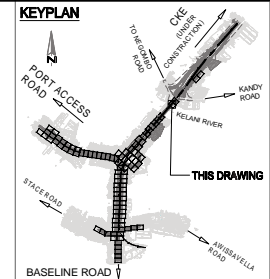
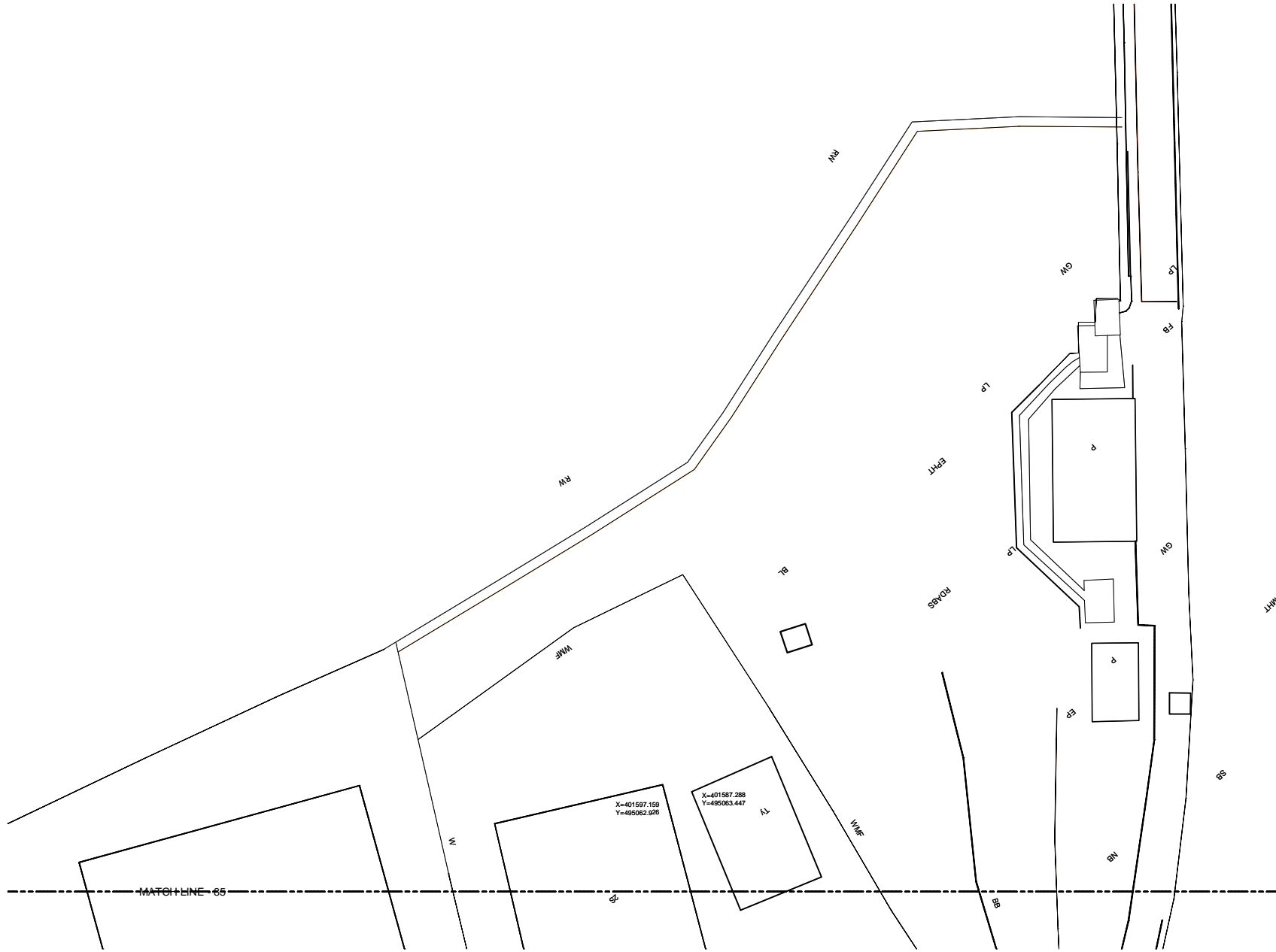
NO	DATE	DESCRIPTION

**PREPARATORY SURVEY ON TRAFFIC  
IMPROVEMENT PROJECT AROUND NEW KELANI  
BRIDGE**

**TRAFFIC IMPROVEMENT PROJECT  
AROUND 2nd NEW KELANI BRIDGE**

DRG. NO: **NKB-SP-100**

U:\06-NKB PROJECT\03-CAD\01-DWG\NKB-SP-001 TO 099 WITH NEW COORDINATE.DWG - 2013-07-10



- REFERENCE**
- EP --- Electric Post
  - EPHT --- High Tension Electric Post
  - TP --- Telephone Post
  - CP --- Concrete Post
  - LP --- Lamp Post
  - NB --- Name Board
  - SB --- Sign Board
  - RDMBS --- RDA (Boundary Stone)
  - TSP --- Traffic Signal Post
  - GS --- Guard Stone
  - GW --- Guard Wall
  - TRF --- Transformer
  - PB --- Pylon Base
  - FH --- Fire Hydrant
  - GB --- Gantry Base
  - BL --- Building Lavatory
  - BS --- Bus Shelter
  - CB --- Concrete Base
  - P --- Permanent Building
  - Ty --- Temporary Building
  - BUC --- Building Under Construction
  - FDN --- Foundation
  - V --- Valve
  - WV --- Water Valve
  - GWMT --- Over Head Water Tank
  - WT --- Water Tank
  - GL --- Gully
  - MH --- Manhole
  - MHT --- Manhole Telecom
  - MHW --- Manhole Water
  - MHS --- Manhole Sewer
  - TCB --- Telecom Cable Box
  - ECB --- Electric Cable Box
  - SPT --- Septic Tank
  - G --- Gate
  - GP --- Gate Post
  - C/L --- Culvert
  - MCh --- Masonry Drain
  - EDn --- Earth Drain
  - BB --- Bank Bottom
  - TB --- Bank Top
  - GBW --- Gabion Wall
  - EF --- Electric Fence
  - ECL --- Electric Cable Line Under Ground
  - ORL --- Oil Pipe Line
  - DF --- Dry Fence
  - IF --- Iron Fence
  - LF --- Live Fence
  - RW --- Retaining Wall
  - K --- Kerb
  - SF --- Stone Fence
  - W --- Wall
  - WF --- Wire Fence
  - WDF --- Wooden Fence
  - WLF --- Wire Live Fence
  - WMF --- Wire Mesh Fence
  - ZF --- Zinc Fence
- 0 2 4m  
SCALE 1:200

Original Drawing Size A3

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA  
MINISTRY OF PORTS AND HIGHWAYS

**Road Development Authority**

ORICONSLU Oriental Consultants Co., Ltd.

CEA Consulting Engineers & Architects Associated (Pvt) Ltd.

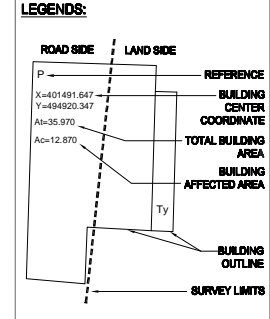
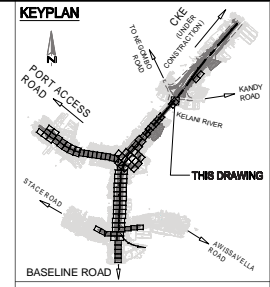
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**PREPARATORY SURVEY ON TRAFFIC  
IMPROVEMENT PROJECT AROUND NEW KELANI  
BRIDGE**

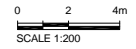
**TRAFFIC IMPROVEMENT PROJECT  
AROUND 2nd NEW KELANI BRIDGE**

DRG. NO: **NKB-SP-101**

U:\06-NKB PROJECT\03-CAD\01-DWG\NKB-SP-001 TO 099 WITH NEW COORDINATE.DWG\_2013-07-10



- REFERENCE**
- EP --- Electric Post
  - EPHT --- High Tension Electric Post
  - TP --- Telephone Post
  - CP --- Concrete Post
  - LP --- Lamp Post
  - NB --- Name Board
  - SB --- Sign Board
  - RDMBS --- RDM (Boundary Stone)
  - TSP --- Traffic Signal Post
  - GS --- Guard Stone
  - GW --- Guard Wall
  - TRF --- Transformer
  - PB --- Pylon Base
  - FH --- Fire Hydrant
  - GB --- Gantry Base
  - BL --- Building Lavatory
  - BS --- Bus Shelter
  - CB --- Concrete Base
  - P --- Permanent Building
  - Ty --- Temporary Building
  - BUC --- Building Under Construction
  - FDN --- Foundation
  - V --- Valve
  - WV --- Water Valve
  - GWMT --- Over Head Water Tank
  - WT --- Water Tank
  - GL --- Gully
  - MH --- Manhole
  - MHT --- Manhole Telecom
  - MHW --- Manhole Water
  - MHS --- Manhole Sewer
  - TCB --- Telecom Cable Box
  - ECB --- Electric Cable Box
  - SPT --- Septic Tank
  - G --- Gate
  - GP --- Gate Post
  - CUL --- Culvert
  - MCh --- Masonry Drain
  - EDn --- Earth Drain
  - BB --- Bank Bottom
  - TB --- Bank Top
  - GBW --- Gabion Wall
  - EF --- Electric Fence
  - ECL --- Electric Cable Line Under Ground
  - ORL --- Oil Pipe Line
  - DF --- Dry Fence
  - IF --- Iron Fence
  - LF --- Live Fence
  - RW --- Retaining Wall
  - K --- Kerb
  - SF --- Stone Fence
  - W --- Wall
  - WF --- Wire Fence
  - WDF --- Wooden Fence
  - WLF --- Wire Live Fence
  - WMP --- Wire Mesh Fence
  - ZF --- Zinc Fence



Original Drawing Size A3

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA  
MINISTRY OF PORTS AND HIGHWAYS

**Road Development Authority**

Oriental Consultants Co., Ltd.

Consulting Engineers & Architects Associated (Pvt) Ltd.

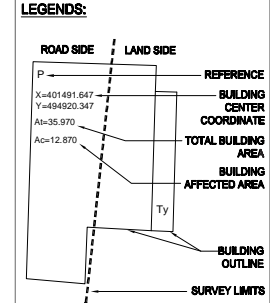
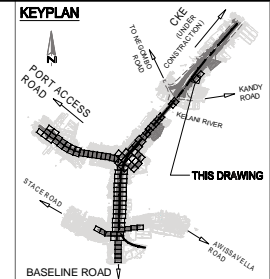
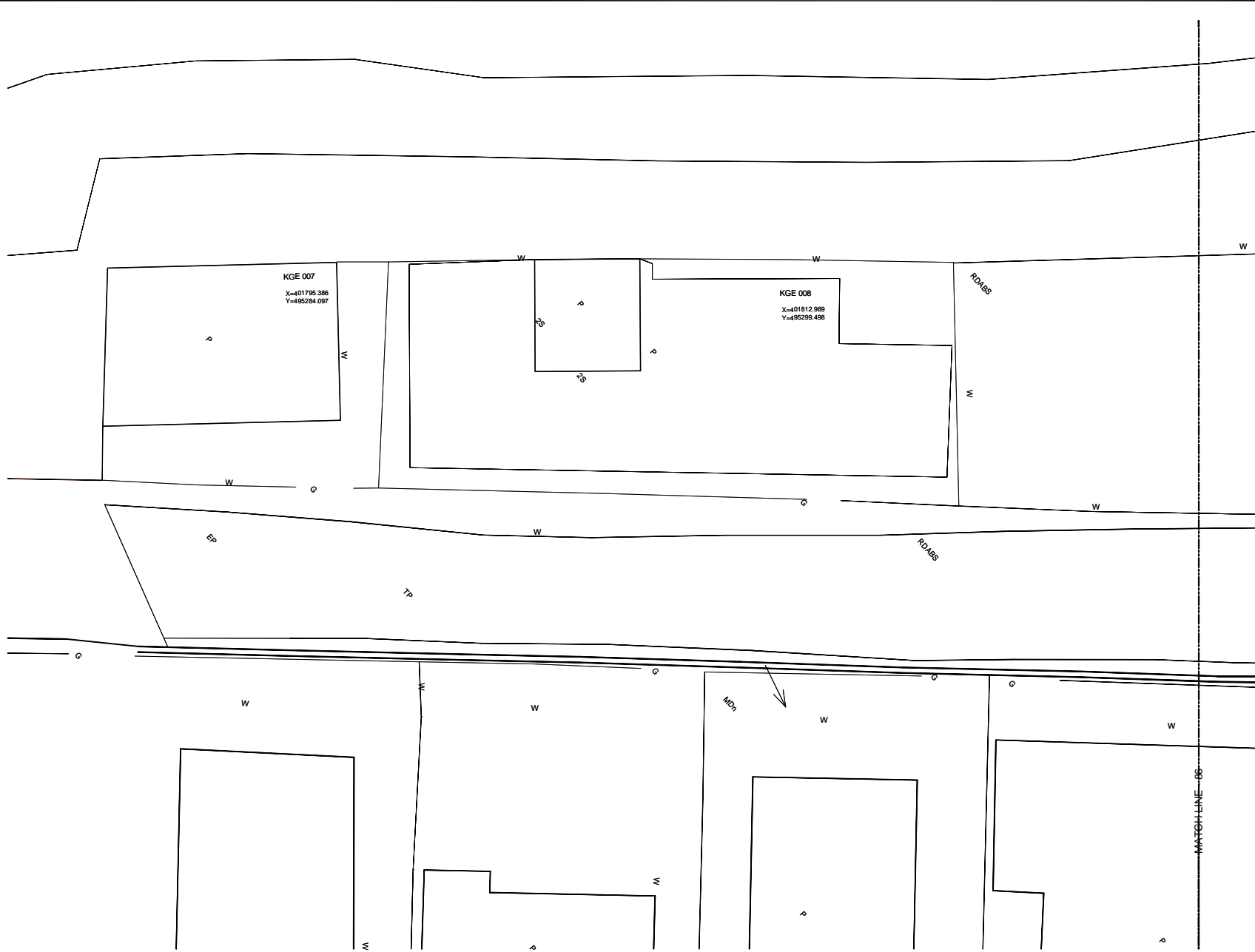
NO	DATE	DESCRIPTION

**PREPARATORY SURVEY ON TRAFFIC  
IMPROVEMENT PROJECT AROUND NEW KELANI  
BRIDGE**

**TRAFFIC IMPROVEMENT PROJECT  
AROUND 2nd NEW KELANI BRIDGE**

DRG. NO: **NKB-SP-102**

U:\06-NKB PROJECT\03-CAD\01-DWG\NKB-SP-001 TO 099 WITH NEW COORDINATE.DWG - 2013-07-10



- REFERENCE**
- EP --- Electric Post
  - EPHT --- High Tension Electric Post
  - TP --- Telephone Post
  - CP --- Concrete Post
  - LP --- Lamp Post
  - NB --- Name Board
  - SB --- Sign Board
  - RDABS --- RDA (Boundary Stone)
  - TSP --- Traffic Signal Post
  - GS --- Guard Stone
  - GW --- Guard Wall
  - TRF --- Transformer
  - PB --- Pylon Base
  - FH --- Fire Hydrant
  - GB --- Gantry Base
  - BL --- Building Lavatory
  - BS --- Bus Shelter
  - CB --- Concrete Base
  - P --- Permanent Building
  - Ty --- Temporary Building
  - BUC --- Building Under Construction
  - FDN --- Foundation
  - V --- Valve
  - WV --- Water Valve
  - OWMT --- Over Head Water Tank
  - WT --- Water Tank
  - GL --- Gully
  - MH --- Manhole
  - MHT --- Manhole Telecom
  - MHW --- Manhole Water
  - MHS --- Manhole Sewer
  - TCB --- Telecom Cable Box
  - ECB --- Electric Cable Box
  - SPT --- Septic Tank
  - G --- Gate
  - GP --- Gate Post
  - C/L --- Culvert
  - MCh --- Masonry Drain
  - EDn --- Earth Drain
  - BB --- Bank Bottom
  - TB --- Bank Top
  - GBW --- Gabion Wall
  - EF --- Electric Fence
  - ECL --- Electric Cable Line Under Ground
  - ORL --- Oil Pipe Line
  - DF --- Dry Fence
  - IF --- Iron Fence
  - LF --- Live Fence
  - RW --- Retaining Wall
  - K --- Kerb
  - SF --- Stone Fence
  - W --- Wall
  - WF --- Wire Fence
  - WDF --- Wooden Fence
  - WLF --- Wire Live Fence
  - WMP --- Wire Mesh Fence
  - ZF --- Zinc Fence
- 0 2 4m  
SCALE 1:200

Original Drawing Size A3

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA  
MINISTRY OF PORTS AND HIGHWAYS

**Road Development Authority**

ORICONSL  
Oriental Consultants Co., Ltd.

CEA  
Consulting Engineers & Architects Associated (Pvt) Ltd.

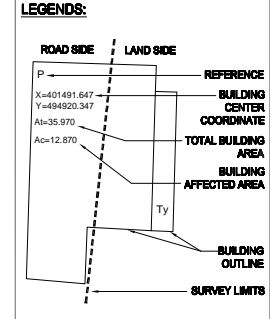
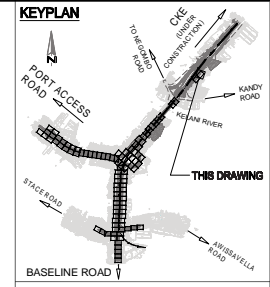
NO	DATE	DESCRIPTION

PREPARATORY SURVEY ON TRAFFIC IMPROVEMENT PROJECT AROUND NEW KELANI BRIDGE

TRAFFIC IMPROVEMENT PROJECT AROUND 2nd NEW KELANI BRIDGE

DRG. NO: NKB-SP-103

U:\06-NKB PROJECT\03-CAD\01-DWG\NKB-SP-001 TO 099 WITH NEW COORDINATE.DWG\_2013-07-10



- REFERENCE**
- EP --- Electric Post
  - EPHT --- High Tension Electric Post
  - TP --- Telephone Post
  - CP --- Concrete Post
  - LP --- Lamp Post
  - NB --- Name Board
  - SB --- Sign Board
  - ROADS --- RDA (Boundary Stone)
  - TSP --- Traffic Signal Post
  - GS --- Guard Stone
  - GW --- Guard Wall
  - TRE --- Transformer
  - PB --- Pylon Base
  - FH --- Fire Hydrant
  - GB --- Gantry Base
  - BL --- Building Lavatory
  - BS --- Bus Shelter
  - CB --- Concrete Base
  - P --- Permanent Building
  - Ty --- Temporary Building
  - BUC --- Building Under Construction
  - FDN --- Foundation
  - V --- Valve
  - WV --- Water Valve
  - CHWT --- Over Head Water Tank
  - WT --- Water Tank
  - GL --- Gully
  - MH --- Manhole
  - MHT --- Manhole Telecom
  - MHW --- Manhole Water
  - MHS --- Manhole Sewer
  - TCB --- Telecom Cable Box
  - ECB --- Electric Cable Box
  - SPT --- Septic Tank
  - G --- Gate
  - GP --- Gate Post
  - CUL --- Culvert
  - MCh --- Masonry Drain
  - Edn --- Earth Drain
  - BB --- Bank Bottom
  - TB --- Bank Top
  - GBW --- Gabion Wall
  - EF --- Electric Fence
  - ECL --- Electric Cable Line Under Ground
  - ORL --- Oil Pipe Line
  - DF --- Dry Fence
  - IF --- Iron Fence
  - LF --- Live Fence
  - RW --- Retaining Wall
  - K --- Kerb
  - SF --- Stone Fence
  - W --- Wall
  - WF --- Wire Fence
  - WDF --- Wooden Fence
  - WLF --- Wire Live Fence
  - WMP --- Wire Mesh Fence
  - ZF --- Zinc Fence
- 0 2 4m  
SCALE 1:200

Original Drawing Size A3

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA  
MINISTRY OF PORTS AND HIGHWAYS

**Road Development Authority**

Oriental Consultants Co., Ltd.

Consulting Engineers & Architects Associated (Pvt) Ltd.

NO	DATE	DESCRIPTION

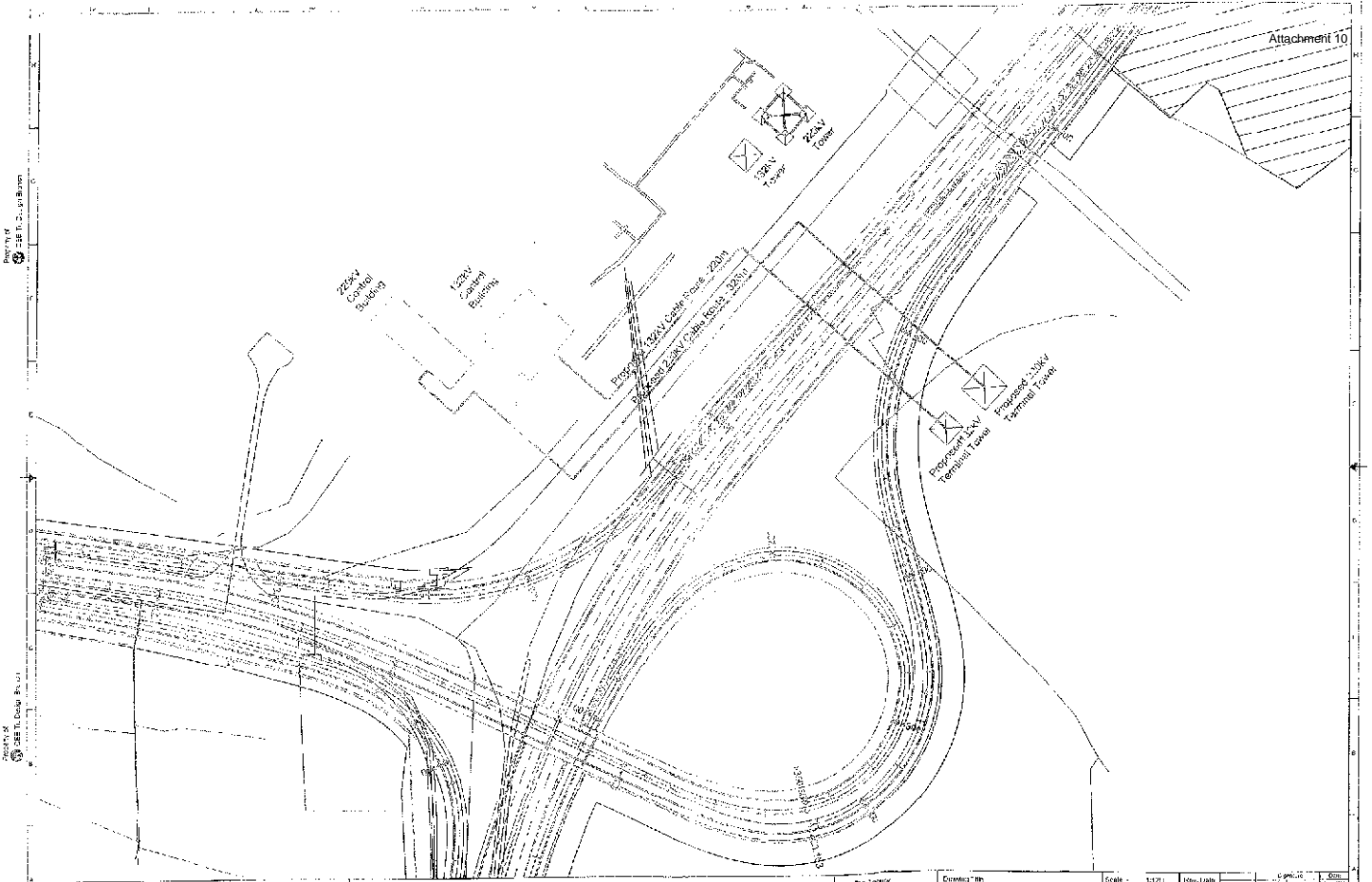
**PREPARATORY SURVEY ON TRAFFIC IMPROVEMENT PROJECT AROUND NEW KELANI BRIDGE**

**TRAFFIC IMPROVEMENT PROJECT AROUND 2nd NEW KELANI BRIDGE**

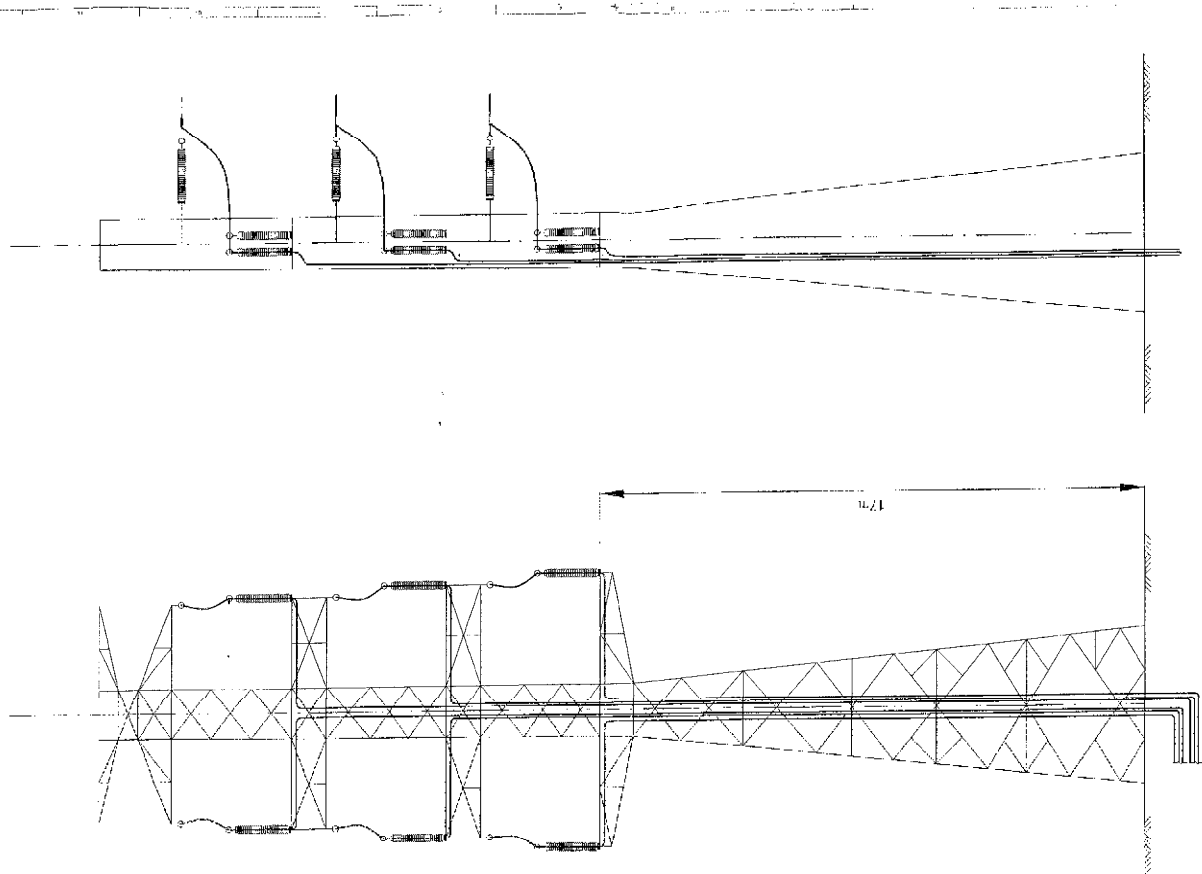
DRG. NO: **NKB-SP-104**



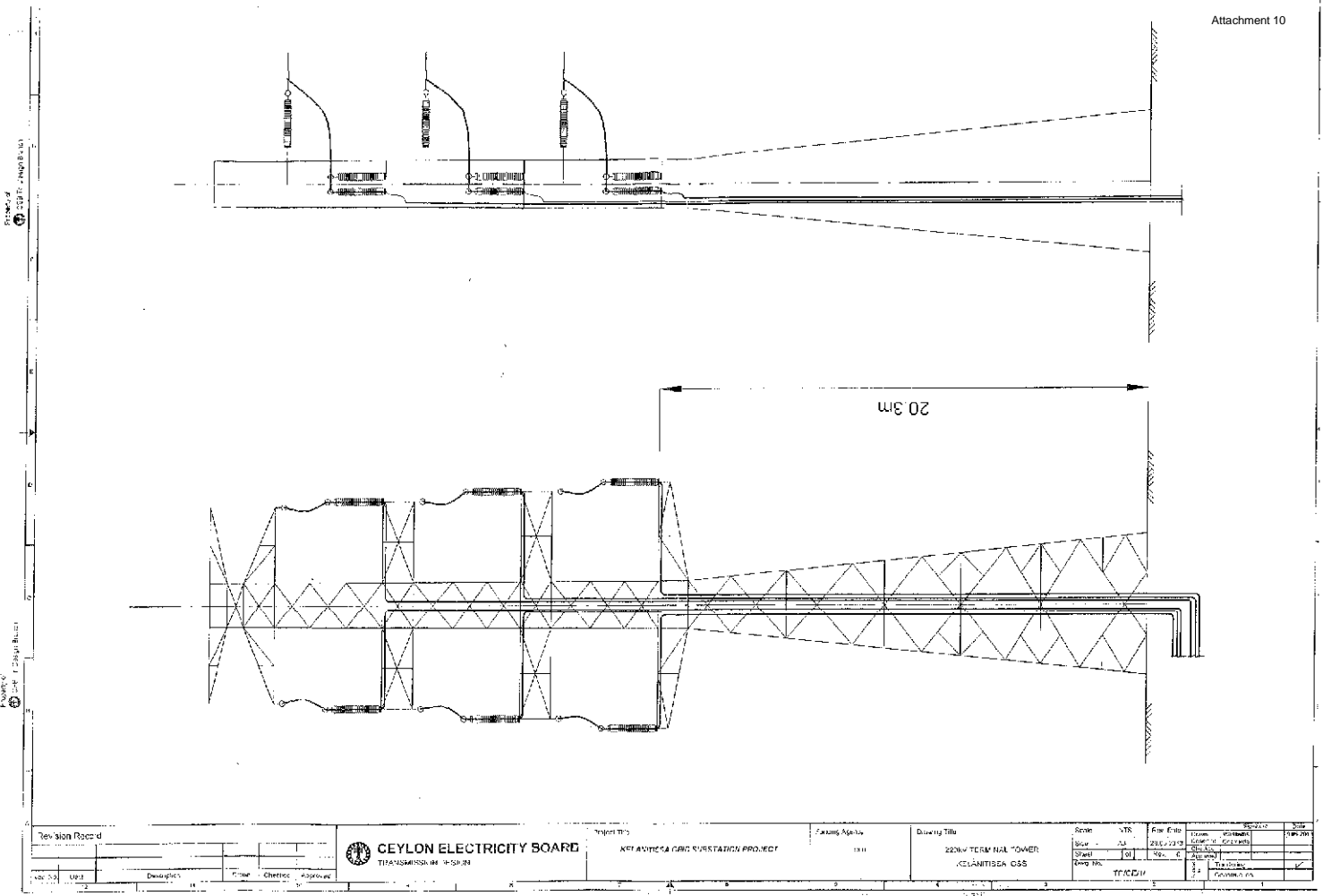




<b>CEYLON ELECTRICITY BOARD</b> TRANSMISSION DIVISION				KELANIYA 500kV SUBSTATION AUTOMATION PROJECT				Drawing Title <b>TRANSMISSION SHEETING FOR          NEW 10kV/132kV PROJECT</b>				Scale - 1:1000 Date - 01/08/2018 Drawn by - Checked by - Approved by -			
Revision Record				Drawing Date				Drawing No.				Project No.			
Rev. No.	Date	Description	Drawn	Checked	Approved	Year	Sheet No.	Total Sheets	Project No.	Sheet No.	Total Sheets	Project No.	Sheet No.	Total Sheets	



Revision Record		<b>CEYLON ELECTRICITY BOARD</b> ශ්‍රී ලංකා විදුලි බලාගාමය	Project No:	Scale:	Ukasing No:	Guide - 11kV	Spec. Code:	Structure	11kV
Rev. No.	Date		Description	11kV	11kV	11kV	11kV	11kV	11kV
			Project Name:	11kV TERMINAL TOWER		11kV		11kV	
				11kV		11kV		11kV	



Revision Record		 <b>CEYLON ELECTRICITY BOARD</b> TRANSMISSION DEPARTMENT	Project Title	Factory Name	Drawing Title	Scale	Rev. No.	Rev. Date	Rev. Description	Rev. By	Rev. Check
No.	Date		DESCRIPTION	NETAWEEGA GRID SUBSTATION PROJECT	1311	22KV TERMINAL TOWER KELAMITISEA CSS	1:50	1	2016/12/13	DESIGNED	
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2		DESIGNED									
3		DESIGNED									
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100		DESIGNED									

# Appendix-6

## Scientific Equipment Inventory

No	Date	LP/D	Sub No.	Item Name	Qty	Issued to	Location	Inv. No	Value	Remarks			
										FAR No	Other		
1	1982.11.18	D		Densitometer,(Victorian) M- 07-424 S/No.19668	1	RIC	NDT		Rs.36,900				
2	1982.11.19	D		Electronic Equipment - Amprobe megohmmeter AMC3	1	UOSJ	NIL	1/10/1-6	US \$ 330				
3	1982.11.20	D		Amprobe Digsta champ-on VAO Meter	1	UOSJ	NIL	1/10/1-1	US \$ 193				
4	1983	D		Sentilometer SPP-2-NF S/No.212566	1	HLAR	QAL		Rs. 44,800				
5	1983.6.1	D		Ictometer IPP4 140 with probe SGS10,and cable of 100 mm	1	CK	NIL	1.-19/6	Rs.126,790	FAR No.-95			
6	1984.4.25	D		Numbering Machine for Radiation Protection Services		HLAR	QAL	1_40	£ 3960				
7	1984.5.17	D		2 Krt 8205-8206 PM 5705/04 SM21 S-4246 (Pulse Generator & Acc.) 4323	2	CK	NIL	1/42/1	Rs126,791				
8	1984.6.21	LP		Oscilloscope LBO 512 B SN 3120387	1	CK	NIL	1/45/	Rs. 9100	FAR No.-125			
9	1984.7.19	D		Multimeter PAN3001 (Pantec S-832190132112 M-PAN3001)	1	CK	NIL	1_57					
10	1985.6.18	LP		Leader Oscilloscope LBO 522 and accessories S.NO.4034465	1	CK	NIL	1/71/4	Rs. 15,900				
11		LP		Oscilloscope S.No. 5060162/LBO 512B with probe	1	CK	NIL	1/73/5	Rs. 9100				
12	1985.8.24	D		Barrow Meter (2039--70392)	1	RIC	SSDL	1/74/7	Rs.536.5				
13	1985.8.21			Stabilizer and accessoreis VR-1000H	2	RIC	NIL	1/74/6	Rs. 8250.00				
14	1985.10.7	D	i	Digital Multimeter with rechargeble battery pack Modle 177/1788, S.No.280376	1	CK	NIL	2/4/2	Rs. 19,500 US\$ 871	FAR No.-146			
		D	ii	Digital Survey Meter (Model 36150(Intergrating) S.NO.21286	1	CK	NIL	2_4-3	1650				
15	1985.10.23	LP	i	Leader Digital Multimeter Model 853 A S.No. 5080721	1		NIL	2_4-4	Rs. 4850				
			ii	Leader Tr. Cheeker/LVT-72 Jet Vam S.No.9050114	1		NIL	2_4-5	Rs. 5600				
16	1986.1.3	D		2560 NPLTherapy level exposuremeter S.No.218	1	CK	NIL	2_8	6936				
17	1986.1.2	LP		27 Portable Doseratemeter S.No.460	1	HLAR	QAL						
18	1986.1.2	D	i	258IA 0.6 C Ion Chamber (shonka 150) S.No.435	1	CK	SSDL	2_8					
			ii	Modle Type 2562 S.No.214 S R-90 Radiation Source (10m Cr)	1	SSDL	SSDL						
			iii	2561 NPL Therapy level Ion chamber S.No.266(part of 2560)	1		SSDL						
			iv	2568A Extension cable 2560/61	1		SSDL						
			v	2566 NPL Intercomparison Phantom port of 2560	1		SSDL						
			vi	2536/3B 0.3 CC Soft X-ray Ion Cham 2560 S.No.273	1		SSDL						
			vii	2538/3 R/A Source SR-90 (IL1mBQ)SN: 892-1600	1		SSDL						
			viii	2561 NPL Therapy level Ion chamber S.No. 273	1		SSDL						
			ix	2570 A Farmer dosimeter (Roentgens) S.No.551	1		SSDL						
			x	25 Calibration of 2570 (Co-60)	1		SSDL						
			xi	2571A 0.6cc Ion Chamber S.No.1039,port of 2570 A system	1		SSDL				US\$ 27,747		
			xii	2580A Adaptor cable Port of 2570 A system	1		SSDL						
			xiii	2539A Carrying case therapy chambers	1		SSDL						
			xiv	2503/3A Source SR-90 (370 NBQ) S.N.2202 (6411BA)	1		SSDL						
			xv	Shield for 10mCi Sr -90 Source 6411BA	1		SSDL						
			xvi	2575A 600 CC window Ion chamber S.No. 303	1		SSDL						
			xvii	Shield for 30 Ci Sr -90 Source Model 2576A S.No.218	1		SSDL						
			xviii	2532/3A 0.03CC Soft X-ray chamber S.No.266	1		SSDL						
			xix	26 Soft X-ray Calibration of 2532/3	1		SSDL						
			xx	2538/3 R/A Source SR-90 (IL1mBQ) S.No.892-1599 PTW 1984	1		SSDL						
			xxi	2537/3 Phantom soft x-ray Ion chamber	1		SSDL						
			xxii	2578A Extension cable	1		SSDL						
			xxiii	27 Portable Doseratemeter S.No.460	1		SSDL						
19	1986.6.5	D		IAEA Drop out relays with power code and fuse box	3	CK & Thushara	NIL	2_17					
20	1986.12.31	D	i	Logic Probe 545A (Logic Probe )	1								
			ii	Logic Probe 546 A (Logic pulser)	1	CK	NIL	2_37	Rs 115,886	FAR No. 165			
			iii	Logic Probe 547A (Current traser)	1								
			iv	Logic Clip 548A (Logic clips)	1								
21	1986.8.22	D	i	Art No.OB2 Irradiation container for the calibration of gamma dosimeters with a 100 mCi Co-60 Source, Type A Container incl. timer OB36 FAR No. 169	1		SSDL	SSDL	2_38	Rs. 572,005 DM 12530			
			ii	Art No.OB34 Low level Panoramic gamma irradiator (Buchler Calibrator (OB 34/1)	1		SSDL			DM 33500			
22	1987.1.2	D		250 Kv ma Directional X-ray Unit , Model 25/357, ANDREX industrial x-ray set S.No.54043 Consisting of : Tube lead CMA 25, Control Unit CMA 357, Connection Cable 20 m, Power Supply Cable 10 m cable bag with accessories	1	RIC	NDT-1	2_39	Rs. 620,619 .DKK 139900	FAR No. 197			
23	1987.3.31		i	Portotype Board RS 488-933	1	CK	NIL						
			ii	Portotype Board with powr supply SN. RS 489-100 <sup>2</sup> _43-1	1				Rs 24,120	FAR no 198			
			iii	Power Supply cable RS 488 - 185	3								
24	1987.5.19	LP		Allen Key (10Keys)/1/16 . 3/8	1		NIL	2_45-3	Rs. 165				
25	87-6-4	D		Spectroscopy Amplifier (Canbara)- Modle 2020	1	AEA	HLCL	2-48-4-1	Rs. 117990 1560	FAR No. 178			
26	1987.6.4	D	i	Tri Care 2050 CA Low level liquid scintillation analyzer (PERKIN ELMER-PACKARD) S/No 86551	1								
			ii	Cooling Unit -CHILL PACK 1420 S/No.1113 -REMCOR									
			iii	CPU 486 S/No 205272 -KEYPRO				TCL	2_48	US \$ 36503			
			iv	Monitor NOLX 1451 -KEYPRO									
			v	Key Board S/No.2299788 IBM									
			vi	Rx80 Printer Modle No. P 80RA S/No 08000642 EPSON (PACKARD)	1								

**Scientific Equipment Inventory**

No	Date	LP/D	Sub No.	Item Name	Qty	Issued to	Location	Inv. No	Value	Remarks			
										FAR No	Other		
27	1987.6.4	D	i	Muffle Furnace Siemon Mueller with (Accessories) 42252/42297	2	Mrs.SSK	-10 -RP	2_48	Rs. 37,674	FAR No. 177			
			ii	Leistungsregler	2								
			iii	Procelan Disk 12 CM DIAM x 4 CM, Height with flat bottom, Holdewanger berlin 8A-5	2								
28	1987.8.22	D		Steel Test Pieces with developing powder	1			2_54	\$1,000				
29	1987.9.2	D	i	Normal beam probe B5 S-E Sno. 574	1			2_56-1			UT-2		
			ii	Normal beam probe B2 S-E Sno.01121	1						DM 15493	UT-3	
			iii	TR-Probe SEB 4E	1								UT-20
			iv	TR Probe SEB 2E	1	NDT	G-05		2_56-2				UT-21
			v	Miniature Angle beam probe MWB60-4(-E) 56928	1				2_56-3				UT-12
			vi	Miniature Angle Beam probe MWB 70-4(E) 56929	1				2_56-4				UT-10
			vii	Miniature Angle Beam Probe MWB45-4(E) 56927	2				2_56-5				UT-15
			viii	Charging Frame UK645	1			G-12	2_56-6				
			ix	Battery assembly for charger UK 685	1			G-12	2_56-7				
			x	Probe cable PK:12	1			G-12	2_56-8	Rs. 245,564		FAR No. 182	
			xi	Probe cable SEKG 2	1			G-12	2_56-9				
			xii	Miniature Probe cables MPKH2	2			G-12	2_56-10				
			xiii	AVG seals MAD 44 (set) DGS Charts	1			G-12	2_56-11				
xvi	Reference standards V2 (IIV)	1			G-12	2_56-12							
30	1987.11.12	D		TLD Unit Model 2271 including cables and manuals S.No. 107102	1	RIC	EPM	2_59	Rs 492,376 US \$ 16025	FAR No. 185			
				TLD Unit (Harshow) Model 2000 B, S.NO. 972 -Picco Meter M-1040	1								
				Bicron Ne-sr-90/Y/irradiater Sno. 0102030041 m.2210.									
31	1987.11.30	LP		Leader Dual Tracer Oscilloscope S.No.7100792,7100783	2	CK	NIL	2_61	Rs. 50,200	FAR No 187			
32	1987.12.10	LP		Logic Probe, Model LP2050 S.No.23218,23222	2	RIC	NIL	2_62	Rs. 1450	FAR No 188			
33	1988.4.20	LP		Old Metal Sheets (Circulars plate) 8"x3 1/2" x 1 1/2",14"x 14"x 5/16"	2			2_72	Rs. 695				
34	1988.5.11	LP		Old Metal Sheets (Circulars plate) 8 1/2" x 3 1/2" x 1 1/2"	1			2_73	Rs. 525				
35	1988.8.19	LP		Iron Plates	2 sets			2_80	Rs. 5750.	FAR No.208			
36	1988.8.29	D		FH 40F1 S.No. 2456, 43186	2			2_83	us\$ 475	FAR No. 212			
37	1988.9.20	LP		Phototype Board with P.S.U.	2	Mr. R.A	NIL	2_84	Rs. 24,120	FAR No 198			
38	1988.9.30	D	i	Portable Eddy Current Flaw Detector with standard accessories and probes	1	NDT		2_86/87	Rs. 275,776	FAR No 214			
			ii	Soft carrying case	1 set								
			iii	Pencil Probes, unshielded Z-145-P, S.N. 910-6010	1 set								
			iv	Shielded P-3-ADJ/S-250									
			v	Adaptor cable 940-1721	1								
			vi	Spring loaded spot type probe	1								
			vii	Weld scan driver/pick up probe									
			viii	DP-PU-DIFF (CHAM) 932-1051	1 set								
			ix	D/PU -DIFF (stab) 930-1573	1 set								
			x	Adaptor cable 940-1721	1								
			xi	Z-600 -375/5-50 KHZ (925-8502)	1								
			xii	Z-100-125/50-50 KHZ (925-8504)	1								
			xiii	Z-5-125/1.0-2.5 MHZ 925-8508	1 set								
			xiv	Spot type low frequency probe	1								
			xv	550-5000 probe 1-5 KHZ (927-8650)	1								
			xvi	Wear shoe (927 - 8651)	1set								
			xvii	Surface crack standards-950-5000 Stainless steel/950 - 5100	1set								
37	1989.1.19	D		Ref.Blocks for ultrasonic testing block type 2 IIV -V2.	1	NDT	G-12	3_3/4	Rs. 23,703	FAR No 220			
38	1-Dec-89	D		1000 Portable Nim Bim CANBARA S/No.S- 1088140	1	RIC	NIL	3/3/6-1	US \$ 1380				
39	1989.1.12	D	i	Portable Crack Detector with acc. "TIEDE" GWH 2000 S.No. 8826483	1			3-4	Rs. 224,865	FAR No.-222			
			ii	High Current Cables 95 mm2	2								
			iii	Pair of Hand Electrodes	1								
			iv	Pair of Kontakluk -B - Electrodes	1								
			v	Electronic demagnetizing device	1								
			vi	UV-hand lamp with spot focussed reflection TIEDE	1								
			vii	Power Adaptor	1								
			viii	Choke for UV hand lamp	1								
			ix	Detek magnetic field indicator	1								
			x	Centrifuge tube, complete with stand	1								
40	1989.2.8			Ultrasonic Flow Detector Testing Equipment USL48 m Krautkraemer	1	NDT	G-05	3_5	Rs. 457036.83	FAR No.-222	UT-26		
41	1989.10.11	D		Pulse generator BNC.S.No.15058.Model PB4	1	NIL	NIL	3_16	4125				
42	1989	D		Radiometer with acc.FH40F2.S.NO.3871.3872	1			3_18	Rs.141,587	FAR No 229			
				Gamma Probe FHZ130,S.NO.1296.1297	1			3_18	AS \$11790				
43	1989.11.29	D		Card drawer assembly for mod 2000C TLD Unit incl. Hat finge for card drawer Harshow TL Detector S -905 - M-2000A Picco Meter M-2271	1			3_18-2	Rs. 79,342	FAR No. 228			
44	1989.-12-27	D	i	Dosimeters pen type BIP STYL S-92488		NDT	G-05	3_-18	Rs. 20673	FAR No. 227			
			ii	Dosimeters pen type SEQ 6-0-2 rad S-92493							NDT		
45	1989.12.20	D		<b>X-ray Spare as follows</b>		NDT							
			i	Wire penetrameters to DIN 54109 consisting of FE 1/7 FE6/12,FE 10/16,50m length	1 set						G-12	3_-19-1	

**Scientific Equipment Inventory**

No	Date	LP/D	Sub No.	Item Name	Qty	Issued to	Location	Inv. No	Value	Remarks	
										FAR No	Other
Cont.....			ii	ASME/ASTM Penetrimeters steel consisting of Nos.5,7,10,12,15,17,20,25,30,35,40,45,50	1 set		G-12	3.-19-2	Rs.309,352	FAR No. 235	
Cont.....			iii	IIV Collection of reference radiographers with 86 reference radiographers of welds in steel	1		G-12	3.-19-3			
45			iv	Portable monitoring device WD2, with chargeable battery,				3.-19-1-4		Sold	
			v	Batter Charger CW 180	1			3.-19-1-6			
				Dose and dose rate meter "Babyline81" in gray No. 1794 with batteries, charger and case for the babyline 81 with accessories	1			3.-19-1-6			
			vi								
46	1989		i	Aluminium Filters type 1100		RPD					
			ii	6" x 6" 0.02"(0.5mm)	2			3.-19-3-1		FAR No. 226	
			iii	6" x 6" 0.04"(1 mm)	2						
			iv	8148 Beam Alignment template	1			3.-19-3-2			
47	1990.2.08	D	i	Dosimeter Charger (Stephen) Sno.2023158	1						
	1990.2.8	D	ii	Direct View Pocket Dosimeter,SEQ 6 Indicating range 0.2 R, No.88551-88560	2 boxes		G-12	3.-21	Rs. 62,934	FAR No. 241	
48				Jacket Bath 6 mm PVC with water inlet & outlet thermostat autom overloading protection for 310 L chemical tanks	1	AEA	Dark Room	3-20-1-1		Sold	
			i	Tank Dukalit 10 LT	3			3-20-1-2			
			ii	Lid for 3447	3			3-20-1-3			
			iii	Floating Lid for 3447	3			3-20-1-4	DM 4425.50		
			iv	Drying cabinet 20	1			3-20-1-5			
			v	Lab stop timer	1			3-20-1-6			
49			i	Irradiator for calibration of dose rate measuring devices Art.No.OB85 01-1x20 ci Cs 137 (740 GBq),1 x 1 ci Co 60 (37 GBq) BUJCHER	1	CK	SSDL	3_22	DM 32800	FAR NO.245 Rs.1,102,640	
			ii	Control Desk Art No. OB85 02	1				DM 4600		
			iii	2 Radioactive Sources Art No. OB85 03	1				DM 11100		
			iv	Trolley To hold the instrument OB85 04	1				DM 1620		
50	1990.4.10	D		Step down Transformer 2000 watt M-N-11MG , 230/115V,200VA	1	NIL	NIL	3_24	Rs. 19672.8	FAR No.240	
51	1990.5.29		D	Contamination monitor (Contamat) FHT 11m	2		QAL				
			i	X-Ray Quality control kit	1						
			iii	Beam alignment Test tool Mod.07-662 S/No.7315	1						
			iv	Colimation Test tool Mod.07-661 S/No.8636	1						
			v	Aluminium Plates	1						
				1mm = 09	1						
				5mm =04	1						
				1mm =07, 31mm =01	1			QAL		Rs. 114,860	FAR No.253
				2mm=01 2.3mm=02	1						
			vi	(iv) Spirit level -01	1						
			vii	(v) Colimeter test Tool Model-07-661	1						
			viii	(vi) Beam alignment Test tool Mod.07-662	1						
			ix	(vii) Focal Spot test tool S/No. 112B-4245	1						
			x	(viii) Beam Alignment Test tool Mod.07-662	1						
xi	(ix) Film screen contact test tool Mod.07-608 S/No.47779-	1									
xii	(x) Colimeter Test Tool S/No. 161B-7028	1			QAL						
52	1990.6.5		D	<b>Laser Alignment with accessories :</b>							
			i	Power Unit S/No.33453He-Ne-laser 0.5 MW with attached focusing device 7x.Spot-time project turnable beam deflector 90 , C/W high voltage module and connects cable 2m, mounted on special suffer	1	Cancer HP Maharagama	SSDL	3_29	Rs.296,776 AS 87287	FAR No. 246	
			ii	Filtering level with 19x telescope, mounted on special flonged joint WILDNK 05	1						
			iii	He-Ne 2 nos. Laser Guns S/No. 137500.5 / 13746 MW, with attached focusing device 15x cross hair projection,turnable beam deflector,C/W hig voltage module	1						
			iv	Power supply 220C AC/12VDC with cable and two sockets	1						
v	Precision steel rulers 1 m long with matted surface	1									
53	1990.7.12			Mini Monitor II model 05-571 S/No C557		ck	ssdl	3-32-1	£ 20747.45		
54	1990.7.12	D		Porto Barrometer , 2039, 70392 Proz. Baro Mit Thermo 1050 - 920 , Mbar 0-500 M 0091	1	CK	SSDL	3_32	Rs. 19,233	FAR No. 247	
55	1990.7.12	D		Light Barriers ,T 340(220V S.No.365196,365193,365194, 365195	3	Exp R	DR	3-32-3	DM 119.61	Rs 14700	
				T583 Reflectors 26 mm data	3		DR	3-32-4	AS 4900	FAR No. 249	
56	1990.7.20	D		Dental Hanger 10 clips	3	Exp R		3_34	DM-1119		
57	1990.7.30	D	i	Water pathom 30x30x30xcm Perspex	1	CK	SSDL		739.73	FAR No. 250	
			ii	Water pathom 30x30x15xcm Perspex	1			3_37	US\$ 2542.37	Rs.90,000	
			iii	12 Slices Pantham							
58	1990.8.21		D	<b>B/W Camera with acc. -</b>							
			i	Camera (Philips) M-LDH0402/10, S-002193 , S.No.002175,002933,002220,003310	5	SSDL	SSDL	3_39	Rs. 328,575 ASS101,245	FAR No. 252 /Rs. 394,290	
			ii	Wall Brackets S.Nos.30577,30532,30473,31102,30676,31303	5						
			iii	B/W Monotor S.NosQA33380,QA30824,QA3286, QA 33518,QA22552, QA3285							
iv	BNC Cable- 50M	5									
59	1990.8.21	D		<b>B/W Camera with acc. -</b>							
			i	Camera (Philips) S-002193 M-LDH0402/10, S.No.002173,002175,002933,002220,003310	1	QAL	QAL		Rs. 65,715 ASS 20,249		
			ii	Wall Brackets S.Nos.30577,30532,30473,31102,30676,31303	1						
			iii	B/W Monotor S.NosQA33380,QA30824,QA3286, QA 33518,QA22552, QA3285							
iv	BNC Cable 50M	1									

**Scientific Equipment Inventory**

No	Date	LP/D	Sub No.	Item Name	Qty	Issued to	Location	Inv. No	Value	Remarks		
										FAR No	Other	
60	1990.8.21			(RMI Multy Function KV meter with remort controller S-240A-1366			QAL	3_40	Rs.18,696	FAR No. 256		
61	1990.9.7			Hermes Quality Controll Panthom with three plstic plates and A/C Adaptor Model-B s/No. 328	1		QAL		US \$ 2250			
62	1990.9.7	D	i	Hermes readout unit S.No. 323	1							
			ii	Hermes Phantom block with detector plate S.No.321	1							
			iii	Signal Cable 20 m	1		QAL	3_41	Rs. 100,960			
			iv	Battery Charger Transformer	1							
			v	Energy Filters (5,10 and 15 mm thick	3							
			vi	Build up plates (5,10 and 15 m thick)	3							
63	1990.10.6	LP		Steel Ruler	4	NDT	3-5/G-1	3_44	Rs. 160			
64	1990.11.13	D		Warning Lamps and stand Red type FBL 220V	2	SSDL	AEA	3_44	Rs.29,160	FAR No. 255		
65	1990.12.18	LP		Fabricated steel test paces.	7	NDT		3_45	Rs. 7,000			
66	1990.12.18	LP		Rectangular Blocks	8	NDT		3_45	Rs. 6,240			
67	1991.1.7	D		Pocket Multimeter S.No.224813 Keithley	1	NIL	NIL	3_46	US\$ 456			
68	1991.2.22	D		TLD Card Drawer	1	TLD	EML	3_49	US \$ 2340			
69	1991.5.16	D	i	Autoranging Digital Multimeter S.No.490235, M-175	1							
			ii	High Voltage Probe M. 1600 A Sno-907285 (Kethely)	1		NIL	3_53	Rs. 32,349	FAR No. 260		
			iii	HF taskkofft M. 1682 A (Multimeter Prob)	1							
70	1991.8.5			Timmer Spare parts for CH55 Syrelec Model Pl. (Type 1000 code PA1.)	1	SSDL		3_56	Rs. 12,125	FAR No. 265		
71	1991.9.2	D		Gamma Discs (model:290, 7 set nuclided in D dishes 1 uci,lack of Ba 133,Cd 109,Co 57 Co 60,Cs137,mu 54 and na 22 (Point Source)	1	NDT	LLCL	3_57	Rs. 38,745	FAR No. 262		
72	1991.12.31			98A 20858 Extender Board "A" for S-20MCA	1	SSDL		3_62	Rs.13,284	FAR No. 263		
				98A 20861 Extender Board "B" for S-20 MCA	1				Rs.13,950	FAR No. 261		
73	1992.2.12	D	Cont.....	X-Ray Calibrater Unit (Pantak)		SSDL			Rs. 1,826,664	FAR No. 264		
				i	X-Ray Control panne-Model HF 160 S/No 9109-0003CP		SSDL					
				ii	Electronic Controler -Model HF 160 S/No 9109-0003EC		SSDL					
73			Cont.....	iii	Water Cooler -Model HF 160 S/No 9109-0003WC		SSDL	3-67-2				
				iv	Cathord Generator-Model HF 160 S/No 9109-0003CT	1	SSDL					
				v	X-Ray Tube		SSDL					
				vi	Shutter Control Pannel		SSDL					
74	1992.2.12			M/No 230 Digital KV Meter S/No. 2030	1			3_67				
75	1992.3.13	D	i	Survey Meter 05 - 571 ,S.No.C636	1		QAL	3_68				
				ii	Survey Meter 05 - 571 , S.No.C657	1	SSDL		3_68			
76				Exposure Meter M/No 06-526 S/No 1125	1		QAL					
77				Remort Controller M/No 240A P/No.102606	1							
78	1992.7.13	D	i	Teleprobe Model FH40 FE-003872-3871 (Fag Survey Meter)	2							
				ii	Fag Contamination Probe FHZ 130 S/No.42482/31	2						
				iii	Alpha Beta gamma Probe FHZ 140A S/No.42482/34,S/No.42482/34	2						
				iv	Beaker Probe FHZ173 a S/No.42482/35 ,S/No.42482/35	2	AEA	QAL	3_74	Rs. 412,560 AS \$ 103140	FAR No. 255	
				v	Alpha Beta gamma probe FH25731	2						
				vi	Probe Cable 1.25 m	2						
				vii	Wooden transport case for teleprobe FH 40FE	2						
79	1992.2.13	D	i	Digital Audible Dosimeter Model 885 (S.NO.3248.3898)	2		QAL	3_74	\$633			
	1992.2.13		ii	Digital Audible Dosimeter Model 885 (S.NO.3248.)	1			3_74	\$633			
	1992.2.14	D	iii	Contamination monitors for alpha beta and gamma radiation model autocount PCM 100 Sno.7304,7303(Breth Hold)	2		QAL	3_75	\$5,400	Rs. 325,230 FAR No. 280		
80	1992.7.13	LP	i	"Andrrex" (model CMA20) tube head S.No. 52449	1	NDT						
				ii	"Andrrex" control unit S.No.52449	1		G-05				
				iii	Connection cable 20 mm	1						
				iv	Power Supply cable 10 mm	1						
81		D		C2575 600cc thin window ionization chamber SN.459	1	SSDL		3_75	Rs. 29,160			
82	1992.11.4	LP	i	Fag telesonde model FH40 FE	1							
				ii	Alpha Beta gamma probe FHZ 140 S/No.42482/31	1						
				iii	Beta Gamma Beaker Probe FHZ 173 S/No.42482/35	1	QAL	QAL	3_81	Rs. 315,864		
				iv	Alpha Beta Gamma Probe FHZ 731	1						
				v	Fag Probe M/No. FHZ 731 S/No.42482/38	2						
				vi	Fag Audible dosimeter	1						
83	1992.11.26			IC Chip Sno. 32933032	1		NIL	3_81	\$25			
84	1992.12.30	LP		Krautkramer Model USK 7B Ultrasonic Flow Detector without monitor	1	DGLW	G-05	3_83	Rs. 445,565	FAR No 272 UT-26		
85	1993.2.26	LP		Lab Sink	1	NDT	DR	3_86	Rs. 1210			
86	1993.6.9	D	i	Nim Bin Power Supply and S.No. 3937103	1	CK	LLCL	3_94	945			
				ii	Multimeter S.No.5730060,5730061,M-8060A	2	NIL	NIL	3_90	996		
				iii	Universal Recharger LT 2003GV "SEIKOSHA" Power Supply	1	RA	NIL	3_90			
87	1993.6.15	D	ii	Nicad Battery Pakes LT 2004NC S.NO. 13676	1		NIL					
				iii	Soldering Power Station-ERSA-MS 6000	1	NIL	NIL				
				iv	Digital LCR Meter "Escort ELC 130,S.NO.21014004	1						
				v	Service Koffer 1750 (Tool Kit)	1						
88	1993.6.16	D	iii	Service Koffer 1750 (Tool Kit)	1							
				iv	Werkzeugtasche 2800 tool set (18 pieces each)	1						
89	1993.6.16		i	Raaco magazine 1224 -Component Storage Boxes (Large)	2							
				ii	Raaco magazine 1248 Component Storage Boxes (Small)	2			3_92	Rs. 46,810	FAR- 293	
				iii	Soldering Iron LONER type M-920	1	NIL	NIL				
90	16/06/1993			DC Power Supply PE 1535 OO (Phillips) Sno. WB 5568	1							



**Scientific Equipment Inventory**

No	Date	LP/D	Sub No.	Item Name	Qty	Issued to	Location	Inv. No	Value	Remarks		
										FAR No	Other	
91	1993.7.6	D		Oscilloscope S.No.B063737, Tektronax 244 5B	1	NIL	NIL	3_95	Rs.22,386.87	FAR No. 295		
92				Telescopic Prob (Fag) M/No.FH 40 FE S/No.FNR-231					620			
				Accessories								
				Detector (Fag Probe) M/No.01164 S/No.42485/5028								
93	93-8-25			Metal Funnel Stand 3" High	1			4_2	Rs.700			
94	1993.3.19	D		Logic Analyzer PC Card	1	NIL	NIL	4_7	Rs. 51,881.95			
95	1993.12.11	LP	i	Krautkramer DM2 thickness guage (Altrasonic Thickness meter)	1	DGLW	G-05	4-9	Rs. 162000	FAR No-298 UT- 27		
				ii	DA 201 5 MHZ Probe						1	
				iii	DA 231 Probe Cable						1	
				iv	DA 261 Sunshield						1	
96	1994.6.17			Raaco-magazin 1248 Component Storage Boxes (Small)	2	NIU	NIL	4_19	DM 165			
97	1994.8.5	D		Master Board/840632A Accuspec/A (Software)	1	CK	LLCL	4_25	3447			
98	1994.9.2			Temperature Controlled Soldering station PX-1E)	1	Mr. Kasige	Nil	4_27	Rs.6,317	FAR No-300		
99	1994.11.16	LP	i	Dark Room Safe Light with filter 1/2" 01 number	1	DR	4_30		Rs. 33,750	FAR No-301		
				ii	Film Viewer 01 No. radin hat spot				1		DR	Rs. 36250
				iii	Lead services (4"x10"x0.125") 50 No.				50		DR	Rs. 17000
				iv	Lead services (4"x15"x0.125") 10 No.				10			Rs. 4050
				v	Single film cassettes (4"x15") 10 No.				50			Rs. 6750
				Single film cassettes (4"x15") 10 No.	10				Rs. 1700			
100	1995.2.3	LP	i	Survey Meter (Portable Neutron) Model 190, S.No. 1338	1	HLAR	QAL	4_31				
			ii	Ditector Model -RPN S/No. S124	1							
101	1995.5.23	D	i	Weller Desoldering/Soldering PUMP,"DS-801 S.No.40469	1	CK	NIL	4_33	Rs 16,962	FAR No-305		
				ii	Weller Bench Holder (c-15,15093) .						1	
				iii	Clearing foll DS205(15-1350099)						1	
				iv	Soldering Station -Weller M-WECP 20 S/No. S-07.93						1	
102	1995.6.21	LP	i	Spectroscopy Amplifier M-2012	1	1 Set		4_34	Rs.75,525	Rs. 579,625 (inl.tax) FAR No. 306		
				ii	H.V. Power Supply (Model 3102D)				1		Rs.99,750	
				iii	NIM Bim Power Supply (Model 2000) Sno. 3955409				1		LLCL	Rs.152,000
				iv	NAI Detector Model 802-4.S.No.03955971				1			Rs.180,550
				v	P.M.T. Base/Preamplifier Model.2007P) S.No.04956629				1			Rs.43,425
103	1995.7.6	LP		Lead Shield - 707/S (Special sheet)S.No. 0595, 7336	1		LLCL	4_34	Rs. 492,250	FAR No. 308		
104	1995.6.21			01 set Merinelli Beaker with connecting cable	28	MCS	LLCL	4_74				
105	95-9-28	D		IAEA Ambient Air Sampler including Pumping Station, Sampler Head, Stacked filter unit, 01 box of lack of 0.4 um and 8.0 um filters and instructions S.No. 55091180, Model 250	1	MCSS	SPL	4_-35	US\$ 1900			
	1996.2.1	D	i	Mini-Reflex light barriours T-340	3	SSDL	AEA	4_39	Rs. 21,080	FAR No-322		
		D	ii	Glass reflector T 583 26mm dia	2							
106	1996.5.28	D		Volecraft Digital Multimeter Messg.M4650 CR (DMM) and acc. S/No. FG 905920	1	NIL	NIL	4_41	AS \$ 199			
107	1996.5.28	LP		Digital Oscilloscope S.No.B 010937 Tektronix TDS 340 S/No. B 010937	1	NIL	NIL	4_42	Rs. 203,711	FAR No. 321		
108	1996.7.27	D		Lead Collimator with shutter & set of filters (OB85/873)	2	SSDL	AEA	4_48	Rs.201600	FAR No. 319		
109	1996.7.27	D		Support for Lead Shielding & Remote Control filter changer unit complete	1	SSDL		4_49	Rs. 258,500	FAR No. 323		
110	1996.9.14	LP		Programmable 10MHZ 2DDS Function generator, S.No. 071462, Model TG 1010	1	Mr. Kasige	NIL	4_51	Rs. 127000	FAR No. 314		
111	1996.10.3	LP		Differential Tastkoff attenuator probe Model: SI9000 1:20 1:200	1	NIL	NIL	4_51	Rs 19,762.5	FAR No. 325		
112	1996.10.15	D		NAI Detector 3" x 3" S.No. 1962042	1	LLCL	LLCL	4_52	Rs. 350,295	FAR No. 324		
113	1996.10.22	D		Electromagnetic Yoke Model Y-7, S.No.96091290	1	NDT - 2	G-05	4_53	Rs. 65000	FAR No-317 MPT-1		
114	1996.10.23	LP	i	Standard Case Contact Probe CHRFP 054	1	TMRT	G-05	4-53	Rs.160000 FAR No- 316		UT-4	
				ii	Standard case Contact Probe CHRFP-016							UT-5
				iii	Angle Beam Wedge (LSA 0248)							
				iv	Angle Beam Probe (LSW 4890)							
				v	Angle Beam Probe (LSAW 548)							
				vi	Angle Beam Wedge (LSW 4830)							
				vii	Cable B.N.C. Lemo							
115	1996.11.2	LP		Nitrogen Regulator 1256068		JE	PML	4_54	Rs. 8500			
116	1997.2.2	LP		"Electrometer"(Victoreen)Model 530 , S.No. 261 Seatter Ion chamber, Model 6000-532		HLAR	QAL	4_55	Rs. 705,550			
117	1997.2.5	LP		"Memmert" Model UE 400 Electronic Programmable Oven complete with temperature range up to 300 c and intergrated digital timer		HLAR	B Block	4_55	Rs. 104000	FAR No. 326		
118	1997.1.18	LP	i	DX 8620 100 MHZ Analogess digital storage oscilloscope Sn.62500802		NIL	NIL	4_56-1	Rs. 299,500			
				ii	MX 9002 Differential Probe SN.65100871						Rs. 3750	
				iii	HA 1251 Rs. 232/Centronic interface converter for DSO							
119	1997.2.13	D		Scintibloc-51 SEA 51 NAI , S.No.6692, (Scintillation Detector)		VAW	SPL	4_56	Rs. 117,162 us\$2864	FAR No.341		
120	1997.4.27	LP		"Automess" Dose Rate Meter Model 6150 ADS,S.No.90473	1	HLAR	SSDL	4_56	Rs.59,957	FAR 327 RT-6		
121	1997.4.27	LP		"Automess" Dose Rate Meter Model 6150 ADS,S.No.90545	1						NDT	4_56
122	1997.5.28			Alpha Beta Monitor LB 122 , including LB7618-1, LB-G and calibration against in base standard	1	AJ	QAL	4_57	Rs.105,371.56	FAR No-342		
123	1997.6.16	LP		Black Light 220V Model 2B100 for magnetic particle testing	1	TMRT	G-5	4_59	36000	FAR No-328		
124	1997.6.25	LP		Fluorscent Bench Magnifier with Magnifine Lence	1		NDT	4_60	Rs.8850			
125	1997.8.21	D		Mini Rad Monitor Type 100 R, S.No.3414	1	Mr.A. J	G-10	4_60				
126		LP		UV Light Meter S-39799, M-J221	1	NDT-2	G-12	4_60	Rs. 59900	FAR No- 330 MPT- 8		

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No	Date	LP/D	Sub No.	Item Name	Qty	Issued to	Location	Inv. No	Value	Remarks	
										FAR No	Other
127	2007.8.27	LP		Magnaflux Field Indicator S-97-729			G-05	4_61	Rs.23,800	FAR No- 331	
128	1997.9.02	D	i	Indian TLD Reader S.No. 03/97 (TLDBR-7B ) (Replishment to 4-43-6)	1	HLAR	AEA	4_61	Rs.350,000	FAR No 349	
			ii	Programmable Computer BARC TLD BR 7B/02/96					Rs12,000		
			iii	Mono SVGA Monitor mono chrome Sno-28015958D Model MF4S					Rs.7,000		
			iv	(BARC) TLD Badges	500				Rs.50,000		
129	1997.9.15	LP		Precision Balance S-12943,M-1620D	1	LLCL	AEA	4_61	Rs.72000	FAR No 329	
130	97-10-30	D	i	REX Reference phantoms base package, Type L981030 26761-0323					Rs. 59,896.95		
			ii	Stand	1	One Set		4_63-3			
			iii	Copper Plate	1						
			iv	Rod Panthom	1						
			v	Philler Panthom	1				Rs. 5370		
131	1997.11.13	i	i	Standard Imag. Inc.,Film Processor quality control kit and (Dark Room Quality control kit)	1	QAL	QAL	4_64	Rs. 106,080.40	FAR No 345	
			ii	X ray 331 portable densitometer,S.No.033036 lid. AC/DC Adaptor	1						
			iii	X-rite 334 portable sensito meter S.No.20978	1						
			iv	TM-99A Digital Thermometer S.No.179090	1						
132	1998.1.9	D	i	Dose Rate Survey Meter "GRAETZ X5 DE ,S.No.53138	1	HLAR	QAL	4_65	Rs. 201,630	FAR No-362	
			ii	"GRAETZ Telescope Probe S.No.175492	1						
133	1998.1.22	D	i	Radiation Monitor with cable, S.No.26-0230,Model 2026 C (RADCAL)	1	HLAR	QAL	4_66	Rs,149,550	FAR No-346	
			ii	Electrometer / Ion Chamber Model:20x6 - 1800 , S.No. 30115	1						
134	1998.2.16	D		X-ray Beam Analyzer,"Victoreen" S-1471,M4000 MX	1	QAL	QAL	4_66	Rs. 212,975 US \$ 3500	FAR No-363	
135	1998.2.6	D		Acanteam 5500 welch Aqlyln Barcode reader Sno. 1311053-	1	HLAR	PML	4_67	Rs. 2,123,712	FAR No-367	
136	1998.2.4	LP	i	Computer Dose System	1	Mrs.SSK	G-9	4_67	Rs.320,769	FAR No-366	
			ii	"Wavetek" Model 310B/320B Digital Multimeter S.No.97010791	1						
			iii	Electro Chemical Cell	1						
			iv	IBM Compatible Software	1						
137	1998.6.30	D	i	LCD Display unit incl.display of piggyback board	1			4_-70	Rs. 149,874.59	FRA No- 349	
			ii	Cable to connect LCD Display Unit to Z1-562D board	1						
138	1998.8.14	D		Concrete Test Hammer type N,S.No. 145079		NDT	G-5	4_-72	Rs. 549,676.32	FAR No-348	
			i	Testing Anvil N/ND/L/R, S.No.9/169,							
			ii	Rebar loctor profomater in model 6 basic equipment S.No.2040-42							
139	1998.9.25	LP		wall mounted thermo hygrometer model S.No.150 SEKISUI	1	CK	SSDL	4_73	Rs.7500		
140	1998.9.30	D		Electrostatic Unit Model No.2.u 500 (Keep with the 4-76 balance) (consumable)	1		XRF	4_74	\$30		
141	1998.11.19			Micro Pippete 50 to 200 µL ,Micro Pipette 200 to 1000 µL	2	Mrs.SSK	G-10	4_75	Rs. 25,000		
142	1998.11.20	LP		Solder Sucker		Carmela	Nil	4_75			
143	1997.2.06			Digital X-Ray timer -07-457 S/No C-1334	1		QAL		Rs.104,000		
			ii	Digital X-Ray Exposure timer -07-457 S/No C-1335	1		QAL				
144	1998.12.12	LP		Bench Top DC Power Supply, PL 320 QMD, S.NO.104883 (Precision Line)	1	CK	NIL	4_76	Rs. 61830	FAR No 354	
145	1998.11.25	LP		Micro Balance S.No.13201769,AxD HR 202 Capacity 210g x 0.0001g (Dual)	1	XRF	XRF	4_76	Rs. 107000	FAR No 360	
146	1998.12.2	LP	i	Mini 900 Seris Contamination Monitor S. No. 0003607, Model 900/EP15,	1	QAL	QAL	4_76	Rs. 105,750	FAR No-358	
			ii	Mini 900 Seris Contamination Monitor S. No. 0002943, Model 900/EP15,	1				Rs. 151,875	FAR No-359	
147	1998.12.20	D		Magnatic Stirrer S-33041(Traple Place Heated) S.No. 33041	1	RPL	G-10	4_77	Rs.100,637.33 £ 490.06	FAR No 350A	
148	1999.1.18	LP		Victorian' Iron Chamber Survey Meter,S.No.1016,M-450, P- DE-SI (Iron Chamber Survey Meter)	1		QAL	4_77	Rs. 195500	FAR No 370	
149	1999.3.8	D		Viscometer S-112804	1	RPL	G-10	4_79	1685	FAR No 354-A	
150	1999.2.23	LP	i	Mechanical Stirrer S-JGL 1924	1	RPL	G-10	4_79	Rs. 13500	FAR No-371	
			ii	Heating Mental	2		G-10				
151	1999.3.29	LP		Model 707/S Special Shield for use with NAI Detector	MCS	LLCL		4_80	Rs.835,000	FAR- 372	
152	1999.3.29	LP		Dessicator Cabinet Mino TDC 281-P- S- DES07292-98	1	SSDL	AEA	4_80	Rs. 233,600	FAR- 373	
158	1999.4.2	D		Dry Oven "MEMMERT" ULE 600 , S.No.96980192	1	RPL	G-10	4_80	Rs.254,891.47 DM 3600	FAR No-355	
159	1999.4.2	D		M4 3D Digital Smoke Stain Reflectometer S-02891,14704 , Sno. 02971M 14901	1			4_81	£ 1210.5	FAR No-385	
160	1999.5.3	D		U.V. Exposure Unit,Model. LV204,S.No.071205	1	RP	NIL	4_81	£ 330 66,174	FARN0-357	
161	1999.6.16	D	i	SNS -3 Data Logger S.No.3-8	1	VE	TCL	4_83	Rs. 159,991	FARN0-387	
			ii	Palm Top Computer Model F1238A S/NSG83370952 (HAWELTT PACKARD)							
			iii	AC/DC Adaptor F 1307A ABG S/No TH744034701 (HAWELTT PACKARD)							
162	1999.7.29	D	i	Portable Digital DM 7330221 Oscilloscope (Scope Meter) Fluke	1	NIL		4_85	Rs. 190,644.30 \$3683.1	FAR No-390	
			ii	RS.214-146 Digital IC Tester Chipmaster (compact) S.No.CMC42800	1	NIL					
			iii	RS 546 -354 Multipurpose vice and 3rd Hard system (PCB Holder accessoreis)	1						
163	1999.7.27	LP		Water Bath DK-8B, S-99436, Ambient - 99L with a digital temperature control	1	RPL	G-10	4_86	Rs. 44,088.88		

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No	Date	LP/D	Sub No.	Item Name	Qty	Issued to	Location	Inv. No	Value	Remarks	
										FAR No	Other
164	1999.9.10	D		"Canberra" Easy Spec Hand Held NAI Spectrometer S.No.12982493	1	MCSS	LLCL	4_87-3-2	Rs.475,483 £ 6896	FAR No-394	
				Adaptor "UMEC" S.No.C8047363	1		LLCL				
165	1999.11.5	D		Water Purifier,Type200 S.No.10777399G (Water Stiller)	1	RPL	G-10	4_89	Rs. 111,242 DM 1657	FAR No 376	
166	1999.4.20	LP		Top Pan Balance 6200D SCS	1	RPL	G-10	r	Rs. 61,222.74	FAR No 374	
167	1999.11.11	D	i	Dumbell Cutter and acc. S-C99005/12	1	RPL	G-10	4_89	Rs. 317,481 £ 2317	FAR No 378	
			ii	Specimen cutting Die with shank, to ISO 37 , Type 2-1997	1						
			iii	Tear Test specimen in cutter with shank to ISO 34 Fig 3-1979	1						
168	1999.11.17	D		Specroscopy Amplifier, triangular ganssian , S.No.06995605,Model 2026	1	LLCL	LLCL	4_90	Rs.187,459 \$2380	FAR No-377	
169	1999.11.17	D		Motor Mill "Pulverise" S.No.102/5365 with acc.	1	SPL		4_90	DM 8929		
170	1999.11.18	D		Bi Distillation Unit Bi 12E including filling level sensor S.No.3510999,M-D6450	1	SPL		4_90	Rs.463,015 £ 11265.45	FAR No-397	
171	1999.12.2	D		Microwave Digestion vess 45 ML	4	MCSS	XRF	5_1-1	Rs.152192.00	FAR No-398	
172	1999.12.2	D	i	"USKPC"Mains Battery Charger Unit (USK-PC) , S.No.387	1	G-5	NDT-	5_1-2	£ 190		
			ii	"USKPC" Battery Pacy (Nickel cadmium rechargeable battery) S.No.HA98050707151,Type 0757-203-301	1	G-5			£ 95		
173	1999.12.3	D	i	X-Ray Tube -(GILARDON) M-1.5E+07 S/No. 62/147		NDT	B.Bloc k	5_1-5	Rs. 1,993,919	FAR -383	
			ii	X-Ray Control Unit -(GILARDON) M-1E+07 S/No. 11430004							
174	2000.2.8		i	Portable Neutron Dosimeter Unit CRAMAL/ 31 Sn. 1818603/18396	1		QAL	5_3	Rs. 30,748		
			ii	Battery Charger S.No. 18379	1						
175	2000.2.14	LP	i	Seive Shaker Model D051 S.No.106A1197 with acc.	1	MCSS	SPR	5_4-2	Rs.173,000.00	FAR No- 423	
			ii	01 set of lid and receive							
			iii	01 No. 200 mm/2mm sieve (S.No.5647533)							
			iv	01 No.200 mm/850 micron sieve							
			v	01 No.200 mm/425 micron sieve							
			vi	01 No. 200 mm/250 sieve (S.No.5578459)							
			vii	01 No. 200 mm/106 Micon sieve							
			viii	01 No. 200mm/75 micron sieve							
175	2000.2.15	D		GAMA Beaker PP325DIL with lid L.P. and 133 N.E	33	MCSS	SPR	5_4-3	501.6		
176	2000.2.21	D		NAI (TD) Scintillation Detector ,Mistyle Detector Model 3M3/3, Make Bicon. No. AA 8140	1	MCSS	LLCL	5_5_2	US\$1540	FAR N-382	
177	2000.3.17	LP		Universal Oven M-Tanko	1	MCSS		5_6-7	Rs. 58,500	FAR No-424	
178	2000.3.23	D		Evaluation Kit for Microcontroller -80C535 (MCB517AC V 2.9 517 starter kit) KEIL Board	2		NIL	5_10-3	Rs. 79,202		
179	2000.4.7	LP		Test Tube Racks	3	Mr. Kapila	QAL	5_10-7	Rs. 600		
180	2000.5.3		i	Soldering Station, Model 168-3C , S.No.9508.9511 XY Tronics	2		NIL	5_13-5	Rs. 14,400	FAR No-404	
			ii	Desoldering Pump (50SLG 93, GS GS108)	3		NIL	5_13-7	Rs. 2,168	FAR No-405	
181	2000.7.19	D	i	12TON Manual Spectroress (4312 E Pellitizer S.No.012962-02	1	VAW	SPR	5_16-5	Rs. 223,315 (US \$ 3241)	FAR No-426	
			ii	Die and Plunger evacuable 13 mm (4013)	1						
182	2000.7.26	LP		PH Meter, Bench Type Complete with Temperature Probe Adaptor & Electrode EC/FG 7350401B "EUTECH" S.No.41112, Make. Singapore,CyberScan 500 PH		RPL-SSK	G-10	5_17-2	Rs.43,295	FAR No-407	
183	2000.8.1	LP	i	X-ray Beam Analyzer,Victoreen "NERO TN MAX ,Model 8000 S.No.93754 (X-Ray test devise)	1	QAL	QAL	5_17-4	Rs.885,979 US \$ 10860	FAR No-384	
			ii	KVP Range Meter Model 8000 S.No.93754, Make USA (Detector)	1						
			iii	Micro filters S.No. 93754,W/A/ Filter S.No. 93754	1						
			iv	AC Adaptor Make "China" port No. PD 1210 AEPL5	1						
			v	Detector Cable with carrying case "ZERO" Centurion	1						
184	2000.9.4	D		Analog Interface Board S.No.0518620	1	RA	QAL	5_19-4	US \$ 540		
185	2000.9.18	LP		Jouan Bench Top Centrifuge,Model BB3V(30007151)		SSK	G-10	5_19-5	Rs.89,000	FAR No-408	
186	2000.10.13	LP		Ionization Chamber 0.6 CM type S.No.3071,M 2571A	1		SSDL	5_20-5	Rs.171,414	FAR No-411	
187	2000.10.24	LP		Fluoroscopic Test Object (with 2 copper plates S/No.47032-061 ,4601502-20)	1	THSS	QAL	5_21-3	Rs. 99,500	FAR No-409	
188	2000.10.25	LP	i	Motorized Depth dose system S No. 841 M Including following	1	JG	QAL	5_21-4	Rs. 460,000	FAR No-410	
			ii	Water Phantam S.No.749,Model MT 150	1						
			iii	Power Supply, Model STAF-1059 ED	1						
			iv	Water Drain Kit S.No.99101214F,Model. MT-DDA-M	1						
189	2000.11.6	LP	i	Lead Marker Storage Box Complete with : 5 sets (1 each) letters A-Z and numbers 0-9 size : 6 mm	1		G-12	5_22-1	Rs.6950	RT-5	
			ii	Channel Hangers for 3 film 4"x10"	8						
			iii	Image quality indicators wire type set (1 each) EN 462-111 AL EN 6 AL EN 10 AL EN, 13 AL EN (for aluminium)	4 (1set)						
			iv	Image quality indicators wire type set (1 each) EN 462-1:1 FE EN, 6 FE EN, 10 FE EN, 13 FE EN (for steel)	8 (1set)						
190	2000.11.29	LP		NIM BIN Power Supply S.No.07004103, M-2100-2 "Canberra"	1		NIL	5_23-2	Rs.286,875	FAR No-414	
191	2000.11.29	LP		Fast Pulser S.No.09005249,TC 814 ("Canberra")	1		NIL	5_23-3	Rs.130,000	FAR No-413	
192	2000.12.4	LP		Water Deionizer (Barnstead D 7033-30 Easy Pure RF Bench Top Deionizer complete with D 50231 Pre-treatment D 50229 High Purity/Low TOC DI cartridges and FL 703x2 0.2 u final filter S.No.1051000962198	1	Thilaka	SPR	5_23-4	Rs.241,596	FAR No- 415	

**Scientific Equipment Inventory**

No	Date	LP/D	Sub No.	Item Name	Qty	Issued to	Location	Inv. No	Value	Remarks		
										FAR No	Other	
193	2000.12.27	D		High Voltage Power Supply S.No.09005492,M-3102 D	1		AEA	5_25-1	Rs. 129,375	FAR No-416		
194	2000.12.27	LP	i	Micropipett 1-10µ S.No.26478/26480, Model R680/0	2		XRF	5_25-2	Rs. 19,200	FAR No-432		
			ii	Micropipett 1-100µ S.No.32070,32071, Model R680/B	2		XRF		Rs. 19,200			
195	2000.12.28		i	Phasec 2200 Eddy Current Instrument.Dual Frequency with static & Dynamic mode conductivity & coating thickness measurement C/W Operating manual, niccd cells				5_25-3	Rs 1,523,455	FAR No-420		
			ii	331012-PHASEC 2200, Portable dual frequency eddy current ist., S.No.83355/02	1							
196	28-Dec-00			<b>Acc. of Eddy Current Instrument</b>								
Cont...			i	39A035- BATTERY CHARGER/ELIMINATOR Locator 2/2Ph2200 requires relevent input & output power leads.S.NO.85379/01	1		G-12			ET		
Cont...			ii	(29A096) CORD	1		G-12					
196			iii	33A140 - Carrying bag for PHASEC 2200	1		G-12					
			iv	122PIA-Probe,SFC. Unshielded 4-0" pencil 2M.NF acetal	1						ECT-8	
			v	33A135 - LEAD cond/fast scan-PHASEC 2200 Lemo 5 w Pl to Lemo 12 w pl 1.5 m	1							ECT-19
			vi	5A011- Lead.Probe 1.5m (BNC-BNC light weight cable)	1							ECT-16
			vii	33A130-Adapter, 1.5 m Lemo/12w-lemo 4 w (PHASEC 2200 reflection probe	1							ECT-20
			viii	700 P11A-Probe Reflection shielded NFE 11 idia x 45 Lemo - 4 w 300 HZ-100 KHZ S/No. 83488/3	1		G-12					ECT-7
			ix	5A213B-Test pencil calibration tube ASME-5 (CZ126 05/8" O/D 20 SWQ)	1		G-12					
			x	IDP138L-18K- Probe, I/D Driff rigid-83 18K 13 (DEMO STD) discon lead S/No. 82750/1	1		G-12					ECT-6
			xi	47P001-Probe elect. Conductivitystd. AS3000 60KHZ 500 KHZ 12.7DIA, S.No.83754/10	1		G-03					
			xii	33A136-Conductivity calibration block set for PHASEC 2200	1					FAR No-420		
			xiii	106P4-Probe SFC shielded 4.5" str 2.0M Nfe. Acetal	1							
			xiv	29A001-Lead probe 1.5 m BNC/Microdot for locator	1							
			xv	130 P4- PROBE SFC. Ushilded 4-0" 390 Ult pemal 7 K.60K acetal BNC	1							
			xvi	120PIA-PROBE,Sfc ushilded 4-0" pencil 200k. f/NF acetal	1							
			xvii	104P4-Probe SFC shielded 4-5"str. 200k F/NR	1							
197	2000.2.1	D		Panel Meter	1	NIL		5_27-3	Rs. 1200			
198	2000.2.1	LP		ST 62 goot Magnifier glass 01	1		NIL	5_27-4	Rs.1100			
199	2001.2.3	LP	i	"Bicon" Scientillation Detector NAI (II) Model ORTEC 905-4,S.NO.TP 630	1	MCSS	LLCL	5_27	Rs. 127,525	FAR N-402		
			ii	ORTEC MS276 PMT BASE with Pre Amplifier cables S.NO.4108	1	MCSS	LLCL		Rs 235,847	FAR No-419		
200	2001.2.13	LP		ORTEC Spectroscopy amplifier M-575A	1	MCSS	LLCL	5_27	Rs.132,300	FAR No-418		
201	2001.2.21	D	i	Si(Li) Detector Modle SL30165,S.No.1100909	1							
			ii	Desk Top Inspector, S.No.10005670	1	MCSS	LLCL	5_29-1	Rs.1,443,834	FAR No-436		
			iii	Genie 2000 basic input S 502C(software)								
202	2-Feb-01	D		Sample Holder attachment to fit X-ray tube shield	1	VAW	XRF	5_30-2	Rs.148,672.92	FAR No-438		
203	2001.3.6	D	i	Ultrasonic Cleaner,Model RK1040 SN 319020018	1							
			ii	Basket Type Vibratory disk mill, Model KS 100 P/N20.724 0003	1							
			iii	Sieve shaker AS 200 control G.P/W30.017 0001 SN.200412020	1							
			iv	Sieve damp Comfort for sieve 200 P/N310310015AS 200 control G.P/W30.017 0001 SN.200412020	1	MCSS		SPL	5_31	Rs. 1,423,092	FAR No-437	
			v	Standard test sieve 200x50 mm DIN ISO 3310/1C Mesh 63 um P/N 31031 0015	1							
			vi	Milling equipment/grinding set RS100 chrome steel 250ml P/N 01.462.0172	1			XRF				
			vii	Milling equipment/grinding set RS100 from agate 100 ml	1							
204	2001.5.9	D		GM Tube								
				GM Tubes with ripout , S.No.21/2/2KL,Model GM 120	1							
				GM Tube with ripout 22/2/2KL, Model GM120	1	TDRC	NIL	5_35-4	Rs.50,151.14	FAR NO 433		
				GM Tube with ripout 23/2/2KL, Model GM120	1							
				GM Tube with ripout 24/2/2KL, Model GM120	1							
				GM Tube with ripout 25/2/2KL, Model GM120								
205	2000.5.16	LP		Lead Shield , Model 7075 (Ref:50/00/088, for 3x3 Nal Sno.02990213	1	SPL-	LLCL	5_36-1	Rs. 745000	FAR No-403		
206	2001.5.21	LP	i	Bench Thickness Gauge (Digital) Base (S.No.98017/13 Wallace								
			ii	Dial Guage Sno. 113068 Wallace								
			iii	Additive weight (304)		Mrs S.S.K	G-10	5_36-4	Rs. 185,625	FAR No-450		
			iv	Anvil 3.7mm dia								
			v	Anvil 5.5 mmdia								
			vi	Operating Instruction manual & Test certificate No.22654								
207	2001.5.3	LP		Steel Plates (300mm x 250cmx19mm)	15		NDT-2	5_38-7	Rs. 11,250			
208	2001.5.30	D		Ion Chamber survey Meter Type:21005, S.No.0001953, Model Mini Smarton	1		XRF	5_39-1	Rs. 196,038.95	FAR No-439		
209	2001.6.20			50 NP 13 y.20 Wire Cutters (Goot)	2		NIL	5_40-1	Rs. 1956			



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No	Date	LP/D	Sub No.	Item Name	Qty	Issued to	Location	Inv. No	Value	Remarks		
										FAR No	Other	
231	2002.12.20	D	v	700P001 Probe reflection, spot/face shield ,NFE, 200-205 KHZ Sprung, 32x21x54 high	1	TMRT	ET	5_-73-10	Rs. 204,042 \$1540.80			
			vi	5A011 Lead Probe 1.5 long (BNC-Bivic ligh weight cable for use with 13030 P3 Probe	1							
			vii	33A121-Adaptor, Lemo Jaeger 0.15m Hocking probe-phasec 2200 for use with P04 weld soar probe	1					FAR No-458		
			viii	5A173-Adaptor,1.5 m Jaege/6 m lemo phasec 2200 to reflection probe for use with 33A121 and 700P001 Probe S/No 83488/3	1							
			ix	800 P 01 Probe, weld scan str.55, 700 KHZ, Fe Tip -R8/16 dia, cbl - 5 m long, jaeger connector	1							
			x	5A011 Lead Probe 1.5 long (BNC-Bivic ligh weight cable for use with 13030 P3 Probe	1							
233	4-Jan-03			Radio Isotop Generator	1	VE	Hot lab	5_-74-1	Rs. 14,682			
234	2003.01.21	D	i	Cambera AFT Spectroscopy Research Amplifier , S.No.05026681, Model 2025 Electronic Components for HP Ge ortec detector model GEM 35 P, S.No.06028105	1	MCSS	LLCL	5_74_2-	Rs 678,859.89	FAR No-469		
			ii	0-6 Kv Power Supply (USD 1120.00)and Lgic Inverter box (USD250.00)	1							
			iii	Nim Bin Power Supply (6.12,24V) 220 VAC (S.No.08028105) MN-2100	1							
235	2003.1.24	D	i	Handheld Dual Colour Sensitometer (S.No. 001474)	1	THSS	QAL	5_75-1	320435.5067 (US \$ 3194)			
			ii	07-440-220 Digital Densitometer with Rs. 232 (006)	1							
			iii	16-109 Autostep,X-ray film processor software (350260)	1							
			iv	07-460 calibrated step tablet	1							
			v	07-402 Digital Termometer,S.No.435315	1							
236	2003.1.30			Ceric Cerous Dosimeters (1 plastic container)		RPL	G-10	5_75	Rs. 14397	FAR No-467		
237	2003.-4-9	LP	i	Transfermeter (step down) for filling liq. Nitrogen	1	LLCL			5_-76	Rs. 2,300		
			ii	DC Pannel Meter	1							
238	2003.06.2	D		Marinelli Beaker	162	LLCL			5_76	Rs. 482,241.91		
239	2003.6.28	D	i	Liquid Scintillation Analyzer(LSA) Modle A317001(PERKIN ELMER-PACKARD) Tri-carb 3170 TR/SL Base Unit (S.No. 430841)	1	VE	G-17	5_77-3	Rs.4,778,721.38	FAR No-471		
			ii	Cooling Unit -CP-10-SEI -S/No.02040213- -PERKIN	1							
			iii	Monitor OPTIQUEST Q71 VCDTS22355-6M S/No 70A024903596 (VIEWSONIC) SVGA 17 inch Monitor	1							
			iv	Printer EPSON STYLUS C 82 Modle No-B171A S/No EM2E094444	1							
			v	Accessories of (LSA)								
			vi	Temp.Control Kit 220 volt.	1							
240	2003.6.18	D	i	6" Cooling Rod Extention	1	TNA	LLCL		5_78-1	Rs. 293,194.20	FAR No-472	
			ii	Dewar Leveling Stand	2							
241	2003.7.1	D	i	4000 M Plus Noninvasive X-ray Test Device 103790	1	SSK	QAL	5_79_1	Rs. 702,752.50	FAR No-477		
			ii	4000 excel add in software	1							
			iii	600-100 Ion Chamber 3 cc CT Dose 106162	1							
			iv	303 CNMC 3 cc Mano/Diagnostic chamber w/coax BNC-M W/Banana Plug 3077012	1							
			v	6000-530 B Ion Chamber,150 CC, Fluro Exit Dose (Acrylic) 106916	1							
242	2003.7.1	D		Gamma Cell Brit GC 500		RPL	B Block	B O Survey	Rs. 7,537,082	FAR No 485		
			i	Ring Spanner Kit								
			ii	Separate ring spanner								
			iii	Set spanner kit (12 Nos)								
			iv	Allen Key Kit								
			v	Gama Cell Covers								
243	2003.8.20	D	i	Top Opening Lead Shield (16" Deep) S.NO.4031695 Modle 747	1	MCSS	LLCL	5_79-2	Rs.1,298,034	FAR No-478		
			ii	Annular Plug (foor 7500 only)	1							
			iii	Cold Finger Extention-4" long	1							
244	2003.8.26	D	i	MT 1900 Graphit,High-temperature furnace,S.No.HQ 001032		RPL	G-9	5_79-3	Rs.4,731,489.80	FAR No-479		
			ii	Automatic Voltage Stabilizer for HT 1900 Furnace S.No. 0561091								
			iii	Nitrogen (N2) Cylinder for HT 1900 Furnace								
			iv	Hydrogen (H2) Cylinder (H2-5%, N2-95%)for HT 1900 Furnace								
			v	Liquid Petroleum (LP) Gas Cylinder-Large for HT 1900 Furnace								
			vi	Liquid Petroleum (LP) Gas Cylinder-Small for HT 1900 Furnace								
245	2003.10.6	LP		"XMSEA" X-ray film processing system for industrial Radiography	1	TMRT	DR	5_80-3	Rs. 46,500	FAR NO- 487		
246	2003.10.15	D		Marinelli Beaker 133N incl. lid. (Pc)	33	MCSS	LLCL	5_80-4	Rs. 97,077.10	FAR NO- 480		
247	2003.12.19	D	i	Basic Water Quality (HACH Dr 2400) S/No. 030900002601(Portable Spectro meter)	1	VE	TEL	5_81-4	Rs.434,065.82	FAR No-481		
			ii	Digital Titrator HACH								
			iii	Instrument case DREL/2400 HACH								
			iv	Apparatus & Regeant Case DREL/2400 HACH								

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No	Date	LP/D	Sub No.	Item Name	Qty	Issued to	Location	Inv. No	Value	Remarks	
										FAR No	Other
248	2003.12.13	D	i	Multi Parameter Instrument 340 SET 1 S/No. 03380015, w12F 114 B22 with datalogger, Serial interface additional power supply, Professional case, Probes: SENTIX 41-3, Cellox 325-3, Tetracon 325-3	1	VE	TEL	5_82-1	Rs. 183,762.67	FAR No-482	
			ii	Dissolved Oxygen sensor CELLOX 325-3 S/No.03360165							
			iii	Conductivity Cell TETRAON 325-3 S/No 03360279							
			iv	PH Electrode SENTIX 41-3 S/No CO31402011							
249	2003.12.21	D		Rain gauge with datalogger,UV res.Plastic aerodynamic design, tipping bucket, 1 Pule Per 0.2 mm Precip . Surface 507 Cm, height 34cm, Built in data logger (datahog 2)	1	VE	TCL B Block	5_82-2	Rs.206,916.64	FAR No-484	Installed on roof top of
250	2003.12.29	D		Genie 2000 Interactive Peak fit (Software)	1	MCSS	LLCL	5_83-1	Rs. 255,143.99 (\$2,318)	FAR no-483	
				Genie-2000 Quality Assurance (Software)	1						
251	2004.3.17	LP	i	UV Lamp (Tiede-Germany)	1	TMRT	G-05	5_83-2	Rs. 188,468	MPT-3 FAR No- 493	
			ii	Power Adaptor	1						
			iii	Spare Bulbs	3						
252	2004.3.25	LP	i	Model 18-207 Mammography Screen Film Contact Test Tool Q 622	1	SSK	QAL	5_83-3	Rs. 31,615	FAR No-494	
			ii	Model 6150-AD-5 "Saphymo" Digital High Dose Rate Meter , S.No. 113510	1			5_83-4	Rs. 241,500	FAR No-495	
			iii	Model 76-414-4150 CT Head and Body Dose Phantom	1			5_83-5	Rs. 2268,032	FAR No-496	
253	2004.06.24	LP		Model 18-220 Accreditation Phantom with accessories (including 2 sets of 2 cm thick Acrylic plates 4 plats)	1	SSK	QAL	5_84-2	Rs 82,134	FAR No-489	
254	2004.8.2	LP		Magnetic York	1	TMRT	G-05	5_84-3	Rs.230,113	MPT -1 FAR No- 490	
				Model - 7 , PT No-43560, 230v 50/60 Hz, 1 PH							
255	2004.8.16	LP		Alumina Crucible type A'		Ruwan	G-10	5_84-4	Rs. 2975.60	FAR No-570	
256	2004.10.28	LP	i	Lead Bricks (size:4"x4"x2)	60	TMRT	LLCL	5_84-5	Rs125000	FAR No 491	
			ii	Corner Lead Bricks (size: 4"x4"x 2")							
			iii	Lead Bricks (size:4"x4"x2)	162						hot lab
257	2004.11.3	D		IAEA - 52 Board Training Kit,IAEA - 52 kit	4		NIL	5_85-1	Rs.127,326	FAR No-560	
258	2004.11.22	D	i	Refrigerator System for electrolytic cells (complete with compressor, freezer box with cover and control panel)	1	VE	TEL	5_85-4	Rs. 3,569,586	FAR No- 487	
			ii	Complete set of glassware							
			iii	20 stainless steel electrolytic cells volume 500 ml each							
			iv	Electrolysis Control unit consisting of Electronic amperohourmeter with shunt power supply, Temperature controller with probe set of connecting cables							
			v	DC Power Supply SM 7020 D S/No.11460200006	1						
			vi	Amphr Meter AZ 4000 Kubler	1						
			vii	Anode Cells	20						
			viii	Cathode Cells	20						
			ix	tefflon Stopper	20						
			x	Cell oppening fork	1						
			xi	Stepper removing foot	1						
			xii	heaters -500ml W2-500	13						
			xiii	Heaters -100ml W8-100	13						
			xiv	Power regulator Rm 4	1						
			xv	Precision Pipette/Tips V5000 439080278	1						
259	2004.11.22	D		Current Meter Scale- 1000 µA, 48x45mm # 258-580		RA	NIL	5-86-1	EUR 248		
260	2004.11.22	D	i	NAI Detector 2"x2" S.No.7041654	1	PM	NIL	5_87-2	RS. 229,260 (\$ 2192)	FAR No-488	
			ii	Photo Multiplier tube base (14 pin) S.No.12036436	1						
			iii	Photo multiplier tube base (14 pin) S.No.6040978	1						
261	2005.1.21	LP		Hanna Meter Portable Water slash/PH/MV/C Model : HI 8314 N with HI 1217 D Amplified PH electrode .No.283461)	1	VE	TEL	5_88-1	Rs. 31740 (Incl . VAT)	FAR NO-498	
262	2005.1.31	D	i	Electronic Precision Balance, Model LE 4200 S (successor of sartorius model LP 4200 S, )	1	TEL	Hot lab	5_88--2	Rs.1,202,070.76	FAR No- 510	
			ii	Drying Oven Model ED 240	1			5_88-3			
			iii	Scholler Steel keg, Slimkeg,capacity 50 liters,stainless steel 1.4301	2			5_88-4			
263	2005.2.22	D	i	CD Sets	1	LLCL	5_89-1	US \$ 1180			
			ii	Copy Protection Rom	1						
			iii	Documentation Sets							
264	2005.2.24	LP		Conductivity Meter -Lutron Cd 4301	1	TEL		5_89-2	Rs. 23,000	FAR No-505	
265	2005.2.25	LP	i	Oxygen Meter-Lutron DO 5510 , S D48103	1	G-17		5_89-3	Rs. 39,500	FAR No-503	
			ii	Sensor S/No. 9309	1	TCL					
266	2005.5.4	D		N-Butyl/Acrylate Emulsifying and Dispensing Unit -(Latex Processing Unit)	1	Hot lab		5_89-4	Rs.1,298,830	FAR No-497	
267	2005.6.13	D		RAD 60' Personal Alarm Dosimeter S.No. 246111, 246113, 246115,246112	4	QAL		5_89-5	Rs.267,083	FAR No506	
268	2005.7.4	LP		Multiport II , Ethemet, 3 input, MP2 SN 09052490 M.N MP2-3E (Multichannel Analyser)	1	LLCL		5_90-2	9250 Rs 1,136,69	FAR No-513	
269	2005.8.25	LP		Fume Hood	1			5_90-3	Rs. 347,489.18	FAR No-507	
270	2005.10.11		i	Cables for Electric Heaters	15	G-8		5_91	60		
			ii	UV Power Adaptor	3	TEL					
271	2005.11.29	LP		Lux Meter Sanwa LX 3131 S.No.2100233	1	NDT	G-05	5_91-2	Rs.17,077.50	FAR No 499	
272	2005.12.08	LP		Tester Linear 1C S.No. LMC 2955	1		NIL	5_91-3	Rs. 108,775	FAR No- 501	
273	2005.12.22	LP		DA 400,AC/DC Yoke 230V AC P-T No.518601(Magnetic York)	1		G-5	5_91-4	Rs. 112,055.17	MPT-1 FAR No- 509	
274	2005.12.27	LP		Voltage Event recorder with software B/N 493302 VR 101/004, PC.340528364	1		NIL	5_91-5	Rs. 153,909	FAR No- 502	

**Scientific Equipment Inventory**

No	Date	LP/D	Sub No.	Item Name	Qty	Issued to	Location	Inv. No	Value	Remarks	
										FAR No	Other
275	2006.5.24	D	i	MG 25-20 Magnetometer 20-0-20, 5080 Gauss Meter A005.H010m MG50	1	NDT	G-12	5_92-2	Rs. 562,015.89	FAR No-533	
			ii	Flaw Mike Portable Ultrasonic Flaw Detector Basic version					Rs.1,289,131		
276	2006.5.24	LP	i	Remote Handling tong, length 1 m	2	QAL	QAL	5_93	Rs.1,713,571.55	FAR No-531	
			ii	Tweezers Jaws	2						
			iii	Dual Grip	2						
			iv	Pincer Action	2						
			v	Remote Handling tong, length 2 m	2						
			vi	Tweezers Jaws	2						
			vii	Dual Grip	2						
			viii	Pincer Action	2						
			ix	Remote Handling tong,length 2 m	1						
			x	Extention Unit, Length 1 m	1						
			xi	Tweezers Jaws	1						
			xii	Dual Grip	1						
			xiii	Pincer Action	1						
277	2006.05.24	LP	i	Flow Detector for Hydrology, Qtrace basic system compact data logger with software	1	VE	TCL G-17	5_93-2	Rs. 139,715.16	FAR No-530	
			ii	Conductivity Probe			G-17				
278	2006.8.23	D		Top Opening Lead Shield (12" deep) S.No.11055607	1	MCSS	LLCL	5_93-3	Rs.1371566.41	FAR No-527	
279	2006.8.23	LC NO: SRL/5/038/8868	i	Ext.Range COAX German, Detector	1	MCSS	LLCL	5_93-4	Rs.1757831.00	FAR No-532	
			ii	Digital Spectrum Analyzer	1						
			iii	Genie 2000 basic input (software)	1						
			iv	Genie 2000 Gamma option (software)	1						
			v	Labsocs Laboratory efficiency (software)	1						
			vi	Isox Calibration	1						
284	2006.9.14	D		P/N TLD 0880-0304 type 0110 TLD cards, silver/green	500	AK	PML	5_94-iii	Rs1408740.46	USS 12,382	
				P/N 0870600 0016 type 8814 TLD Card Holders, Black/Green	200						
				P/N 800111 maguire 2214 strap clips, long	200						
				P/N 23283 TLD card holder opener	1						
285	2006.9.18	LP		Digital Hand Held MCA Gamma Spectroscopy system and dose rate meter with automatic nuclide identification and neutron detection .Type 'Target' identifinder -NHA with NA (TI)-Detector High Gamma dose rate GM Detector and He-3 Neutrontdetector S.No. IDENT 3573-27	1	AJ	QAL	5_94-4	Rs. 2,257,533 (Incl. VAT)	FAR No- 525	
286	2006			Mini Drill Stand M-RS 549-088	1						
287	2006			Electric Hair Dryer	1						
288	2006.9.4	LP		40 MHZ DDS Function/Arbitrary Waveform Generator, inclusive of PC connectivity software S.No.248572			NIL	5_94-1	Rs. 318493	FAR No-515	
289	2006.9.25	D		Air Particulate on Filter Media SRM Standerd	3	XRF		5_95-2	Rs. 253,343	FAR No-517	
290	2006.9.25	D	i	Check device 90 Sr. Point source	1	SSDL		5_95-3	Rs. 330,275	FAR No-539	
			ii	Ionization Chamber S/No 32003 & Holding device for chambers 32002 32003	1						
291	2006.9.25	D		TLD Cards 52 mx 29.9 mm x 1 mm thick nickel plated aluminium cards on which 3 TLD discs having 13.3 mm	100	PML		5_97-1	Rs. 34,081.20 (\$325)		
292	2006.9.25	LP		3106D HV Transformer	1	NIL		5_97-2	Rs.38,626		
293	2006.10.9	LP		Digital Thermometer with All accessoires Milwaukee M/No.TH 300 S/No.	1			5_97-3	Rs. 4,370	FAR No-527	
294	2006.10.9	LP		ZP 1490 H Geiger Muller Tubes(GM Tube)				5_97-4	Rs.94,072.	FAR No-524	
295	2006.10.19	LP		Digital Multimeter 38 XR Meterman.S.No.060700717.06070	2	SSDL		5_98-3	Rs.54,050	FAR No-516	
296	2006.11.30	LP		Digital Thermo Hygrometer with accessories Electro Therm M/No. TM 99A, S/No C 318143	1	SSDL		5_98-4	Rs. 24,000	FAR No- 526	
297	2006.12.6	D		Marinelli Beaker 1 L. Lid included 1	100	MCSS	LLCL	5_98-5	Rs.749,240	FAR No- 561	
				040G-Wide-1.3/Mixed solution- Standerds	1						
				1040G-Low -1.3/Mixed Solution Standerds	1						
298	2006.12.14	D	i	MWB 35-4 Miniature Angle Beam Probe, Frequency: 4 MHZ, 35 No.50028	1	TMRT	G-05	5_99-2	Rs. 210,773	FAR No-518	UT-14
			ii	MWB 45-4 Miniature Angle Beam Probe, Frequency: 4 MHZ, 45 No.50268	1						UT-16
			iii	MWB 60-4,Miniature Angle Beam Probe Frequency:4MHZ 60 No.,50889	1						UT-13
			iv	MWB 70-4 Miniature Angle Beam Probe Frequency:4MHZ 70 No.51154, Cables 4	1						UT-10
299	2006.12.14	D		SI (LI) Detector S.No.6061145	1	XRF		5_99-3	Rs. 1,122,909.50	FAR No-519	
300	2006.12.28	LP	i	Gem MicroscopeSN: 112061101,103061106		RPL	G-9	5_99/100	Rs.1,934,300	FAR No-523	
			ii	01 No. E 330 Digital SLR camera incl 14-45 mm olympus order code : OYE-330 KIT							
			iii	01 No. Digital camera adaptor set order no. ZE T-DCA E-330 S.							
			iv	01 No. digital adaptor olympus E330/c.mount order code DCA E-330 CMT							
			v	01 No. C-Mount Videio adaptor 1.0x2/3" zeiss Order code: ZE VIDX S.No. 12061101, 103061106							
301	2006.12.29	LP	i	Electro Magnetic Crack Detector with all acce.	1	TMRT		5-100-1	Rs.575,000	FAR No-528	G-5
			ii	Mag Unit 230VAC S/No 305 with certs. (1 EA)							G-5
			iii	Prods,Individual Set (1 set)							
			iv	Cable Assy 20' remote control (1EA)							G-5
			v	Cable 4/0 w/lug and eithemed (1set)							G-5
			vi	Notch Defect Test Bar (S/N 5945 with certs (1 EA)							
			i	Survey Meter with all accessories	1						
			ii	Control Leaflet							
			iii	6150 AD6 digital doserate meter,S.No.120317							



**Scientific Equipment Inventory**

No	Date	LP/D	Sub No.	Item Name	Qty	Issued to	Location	Inv. No	Value	Remarks	
										FAR No	Other
302	2006.12.29	LP	iv	Users manual ref.29288712/A		SSK	QAL	5_100-2	Rs.3,503,149.05	FAR No-529	
			v	6150AD17 Contamination probe S.No.113963							
			vi	6150 AD-19 beta gamma liq. Sample probe s.No.112477							
			vii	Users manual ref.29291084/A							
			viii	Set of 9v batteries for the doserate meter 6150 AD6							
			ix	Transport satchel for the doserate meter 6150 AD6							
			x	1.25m long cable							
			xi	10m long cable							
			xii	Transport case(type 6605-E)for 6150 AD-K							
			xiii	6150 AD-K contamination probe,S.No 123443							
			xiv	Control Leaflet							
			xv	Users manual ref.29291084/A							
			xvi	Handle extention (80cm long) for 6150AD							
xvii	1.25 m long cable for the handle extention										
xviii	6150 AD-T portable teletector S.No.123243										
xix	Control Leaflet										
xx	Users manual ref 29291084/A										
xxi	Transport case for the portable teletector AD-T										
xxii	6150 AD-3 Scintillator probe S.No.123875										
xxiii	Transport case for the scintillator probe 6150 AD-B										
303	2006.12.29	D		Marinelli Beaker for Ge detectors 3" diam (76 mm diam.end cap) 1L (becher type 530g) and 500 ml (becher type 130G) each size 100 beaker	1	TNA	LLCL	5_101-1	Rs244,813.25		
304	2006.12.29	LP	i	Model 9611 Contrast Current DC Power Supply , Max SAC 17V, digital LCD display, with 400 tlets, 220vac		MCSS	HLCL	5_101-2	Rs. 289,449.50		
			ii	Standard 4 cell electrodeposition set (Teflon cell body 10 ml useful sample volume) to be used with 19.5 mm cathode plating disks (15m effective deposition diameter)	1						
			iii	Includes four standard anode systems (stainless steel and teflon) with replacement capability of the platinum wire electrode; on 4 cell acrylic plastic sand; 4.2 electric cables for connecting the electrodeposition set to the power supply unit	1						
			iv	Platinum wire electrodes 0.8 mm for item Rs.200 setof 4	1						
			v	Pack of 100 stainless steel plating cathode disks, 19.5 mm (15mm effective deposition diameter) one face with mirror finish, to be used with item ref.200							
305	2007.1.18	LP		1225089 Oscilloscope, 100 mHZ, 4 CHN/4 TDS 2014 Digital Oscilloscope S.No.C20285	1	CK	NIL	5_102-2	Rs. 333,960	FAR No- 535	
306	2007.1.19	LP		DC Power supply Quad mode dual 66725 TT1 S.No.262063	1	PM	NIL	5_102-1	Rs.120,757	FAR No-536	
307	2007.3.1	LP	i	90 C Portable Conductivity silinitymeter with 10 sensor and 100 m cable	1	VE	G-17	5_102-6	Rs. 294,781.41		
			ii	Rs.232 serial interfce cable for 90FL meters	1						
			iii	software for microsoft windows	1						
308	2007.4.4	LP		Digital Personal Dosimeter for Nutrons-Model: PDM 313 (Aloka - Japan)	2	SK	QAL	5_103-3	Rs. 374,900	FAR No-538	
309	2007.4.4	LP		Digital Personal Dosimeter for Low Energy X-ray Model : PDM 117	5	SK	QAL	5_103-4	Rs. 356,500	FAR No-537	
310	2007.4.17	LP		Portable Ion Chamber Survey Meter for scatter Radiation measurements Moel: 451P-DE-SI-RYR , S.No.1581, 1566	2	SK	QAL	5_104	Rs. 693,017.16	FAR No-539	
311	2007.4.5	D	i	Radiation Monitor Model AT 1117 M S.No.12033/12014	1	SK	QAL	5_104-1	Rs. 1,451,978	FAR No-541A	
			ii	Contamination Survey Meter radiation monitor model AT 1117 with external Alpha Probe BDPA-01 and external beta probe-BDPB-01 S.No.12044	1						
			iii	Personal Alarming dose meter-alarming electronic personal dosimeter model AT 3509B with computer interface , S.NO.3768	1						
			iv	Emergency Kit consisting of: 1 telescopic probe model BDKG-01 capable of attachment to AT 1117M: wide range alarming gamma dose meter for personal radiation protection model AT 6130D with computer interface package and software	1						
312	2007.4.26	LP		Portable Iron Chamber Survey Meter for low energy radiation measurements (band-Victoreen) Model:451 B-DE-SI-RYR,S.No.719		RP	QAL	5_105-1	Rs. 342,018.99	FAR NO- 540	
313	2007.4.18	LP		Electrical Furnace, Model:HD 230 PAD		VAW	B Block	5_104-3	Rs. 335,969.84	FAR NO- 539A	
314	2007.7.30	LP		Portable Air Sampler 12/24 Model HB 10 DC		MCSS	LLCL	5_105-3	Rs. 585,097	FAR No-551	
315	2007.7.31	LP	i	Portable UV Light Spot Focussed	1		G-05	5_106-1	Rs.268,724.99	FAR No-550 MPT-3	
			ii	Transformer for Normal Operation	1						
			iii	Power Adaptor	1						
			iv	Lamp Holder 610 W/Strw	1						
			v	UV Spare Filter Glass	1						
			vi	UV Spare Bulbs	3						
316	2007.8.14	LP	i	Volumetric Flask, graduated one 1 lit	2	Ruwan	RPL	5_106	Rs. 8119		
			ii	Volumetric Flask, graduated one 500 ml	5						
			iii	Volumetric Flask,Graduated one 250 ml	5						
			iv	Volumetric Flask graduated one 100 ml	5						
			v	Glass Rods, outside Dia. 5 mm	1						

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No	Date	LP/D	Sub No.	Item Name	Qty	Issued to	Location	Inv. No	Value	Remarks	
										FAR No	Other
317	2007.8.31	D		Mixed Nuclides Alpha Spectrometry Source (1 KBQ each Am-241, CM244 Pu-239, Activity tolerance +/-30% , Total Alpha Emission rate calibrated, Activity uncalibrated Alpha Spectrum Supplied, Source diameter 25mm 0.5 mm Active diameter 7 mm, VZ-1679)	1		HLCL	5_106-3	Rs. 381,401.50		
318	2007.9.5	LP	i	Sephymo Teledetector- S/No123147		SK	QAL	5_107-1	Rs.1,153,732.38	FAR No- 546	
			ii	Teletector 6112 M							
			iii	Transport Case							
			iv	Earphones							
			v	3m long cable							
			vi	Software wincom-m for the Teletector 6112 m							
319	2007.9.5	LP		Separating Funnel-250ml Conical Shape German	2	Ruwan	RPL	5_107-1-2	Rs. 7980		
				Separating Funnel-500ml , Conical shape-German	1						
				Crucible Tongs, Straing, Flat Hinge mild steel, length 200 m	2						
320	2007.9.19	LP		Borette Straight stopcock, 500 ml	3	KRDe S	RPL	5_107-3	Rs.2018.25		
321	2007.11.26	LP		Buchner Funnel Flask Suction Pump		Ruwan	RPL	5_108-	Rs. 110220		
				Buchner Filter Funnel, Suction Filter Funnel (8527005) DIN 12905	3						
			ii	Buchner Filtration Flask 1000 ml with plastic hose Connection and tubulature (5070210)	3						
			iii	Suction Pump Deverse Low Pressuer water jet pump	3						
			iv	Guco-Rubber Gasket,connical O.D. Top 53 mm ID botton33 mm, Ht 34 mm (2356050)	3						
			v	Rubber tubing, ID 9 mm wall thickness 2 mm 2 meter for each set	6mtr.						
322	2007.11.26	LP		Fishes Tongs,Straight for Flasts security tongs for bottles from 100 to 2000 ml 18/8 stainless steel (cat no.8362000)		RPL		5_108	Rs. 3440		
323	2007.11.26	LP	i	Chromatography Columns Bovosilicate Glass ST-Socket 24/29 ,Cone ST 19/26, with sintered disc.Pc. ID 18 mm effective length 400 mm (CR32/40)	4	Ruwan	RPL	5_109	Rs.51,800		
			ii	Diverse Tamping rod Appox. Length 530 mm for use with column Cr 32/40	4						
			iii	Chromatography Stopcock adapter with bovesit-glass socket ST 19/26, Cone: ST 24/29 Appox. Overall height 190 mm, fitted with economy needle valve stopcock bare 6 mm for fine control of elevant flow (CR 3 T/23)	4						
324	2007.11.30	LP		Heidolph LABOROTA 4000 Eco Rotary Evaporator S.No. main unit: 080714469 , Bath 090717188		SSK	G-10	5_109-2	Rs. 557,875	FAR No-545	
325	2007.12.6	LP		Oscilloscope acc.AC/DC Current Clamp Fluke M-i30s S.No.94670129	1		NIL	5_110-1	Rs. 99,718	FAR No-547	
326	2007.12.28	LP	i	Sartorius Stainless Steel Filter Holder with 100 ml funnel with lid			SPL	5_113-2	Rs. 154,744	FAR No- 549	
			ii	16606 Glass Suction Flask 1 Ltr.							
			iii	16694-2-50-06 Mini vaccum Pump, S.No.02732730							
			iv	17004 Silicone Bored Stopper							
			v	16623 Rubber vaccum Hose of 1 m							
327	2007.12.28	D	i	TLD Card-210002 Type OCIAIA CC-00151500-A Silver / Green	300		PML	5_114	Rs.1,424,839.50		
			ii	0870600-0015 type 8814 TLD card holders black/blue	150						
			iii	800111 strap clips long	150						
			iv	3283 TLD card holder Opener	1						
328	2007.12.28	D		Ram Ion Digilog (usv/u) S.No.2207-121	1		XRF	5_114-2	Rs.193,059	FRA No- 542	
329	2007.12.31	LP		Selecta/comecta/AC-L4 water Distillation Unit complete with connecting Hoses/Clips and wall mounting brackets, S.No.842307040557	1	VE	TEL	5_114-4	Rs. 179,124	FRA No-548	
330	2007.12.31	LP		ZP 1324 Geiger Muller Tube Certificate of conformity geigers carriage and packing	6		NIL	5_115-4	Rs. 113,171.	FRA No-553	
331	2007.12.31	D	i	Sand Bath with Heater Model ST 72	1	VAW	SPL	5_115-2	Rs. 364,344	FRA No-544	
			ii	Quartz-Ir-Heater with Reflector Bowl Model QF 150 with holding device	1						
332	2007.12.31	D		Nim Random Pulse Generator BNC , M-DB-2 S.No.29522	1		NIL	5_115-3	Rs. 793,164	FRA No-543	
333	2007.12.31	D	i	Micropipette Accra 825 100-1000 ul	1	VAW	XRF	5_116	Rs. 131,078		
			ii	Pipettor Calibra 832 digital 1-10ml	1						
			iii	Pipette types 1-1000 ul Pk/1000	3						
			iv	Tips of pipettors 10 ml pk/300	2						
			v	Mixer vortexer stuart SA7	1						
334	2008.1.16	LP	i	Soxhlet Extractor sets		Ruwan	RPL	5_116	Rs. 171,750		
			ii	Extraction apparatus 2230500 ST/6D/46	1						
			iii	Extraction thimbles 8205010 (pack-25 pcs)	1						
			iv	Extraction apparatus 2230 002 - 200ml ST 100 - 45/40	1						
			v	Diverse Pack extraction thimbles	1						
335	2008.1.30	LP	i	Wire Gauge Galvanized 120x120mm Ceramic Heat control	3	Ruwan	RPL	5_116	Rs.20,575		
			ii	Quick fit condensor conder lebig 400 mm	3						
			iii	Condensors coild 400mm	3						
336	2008.1.30	LP	i	Quick Fit Round Bottom Flasks 250 ml	5	Ruwan	RPL	5_117	Rs.4,320		
			ii	Quick Fit Round Bottom Flasks 500 ml	5						
			iii	Quick Fit Round Bottom Flasks 1000 ml	5						
337	2008.2.11	D	i	Air Sampler LV-IE Filter	1		QAL	5_117-2	Rs. 215,189	FAR No-554	
			ii	Filter Holder	1						
			iii	Filter Paper	5						
			iv	Quick Disonnect	1						
338	2008.2.26	LP	i	Radiation Meter (2026c)	1	QAL	QAL	5_119-1	Rs.2,792,875		
			ii	Radiation Protection Chamber(20x6 - 1800)	1						
			iii	Therapy QA Chamber (21x6-0.6)	1						

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No	Date	LP/D	Sub No.	Item Name	Qty	Issued to	Location	Inv. No	Value	Remarks	
										FAR No	Other
			iv	High Dose Rate Chamber (22x6 - 0.18)	1						
339	2008.2.27	LP		Single Channel Analyzer (ORTEC) Model 550A S.No.07344475	1	PM	NIL	5_119-2	Rs. 209,737	FAR No- 588	
340	2008.3.5	LP		Water Proof Iron Chamber and electrometer with accessories	1	QAL		5_119-3	Rs.4,141,407	FAR No- 591	
341	2008.3.5	LP	i	Dual Counter Timmer modul (ORTEC) (996) SN.08018797	1	PM	NIL	5_119-4	Rs. 619,977	FAR No- 592	
			ii	Rs.232 interface (99x-1.994.995-999) One Set	1						
			iii	RS232C-NULI Modum cable F/F 3 m C-75 cable	1						
342	2008.3.11			Power Pack 510524 (Germany)	1			5_119-5	Rs. 2,569.43	FAR No- 590	
343	2008.3.31	D		Gross Alpha Beta PIPS Detector Modle 1200-25-300 AM	1	HLCL	HLCL	5_120-1	Rs. 376,658	FAR D-No-1	
344	2008.4.10		i	Wash Bottles - 500 ml	2	G-8		5_120	Rs.1,606.74		
			ii	Wash Bottles -1000 ml	2	G-8					
345	2008.4.30	LP	i	Mobile Xray Machine with dose Meter (DAP) Model compact - 100-30) Type VACU-2000 . S.No.0800583	1	SK	QAL	5_120-5	Rs.2,064,250		FAR No- 593
			ii	18x24 cm2 cassettes	1	SK	QAL				
			iii	24x30 cm2 cassettes	2	SK	QAL				
346	2008.4.30	LP		Glass Desiccator Setup with stopcock,Excellent flat flange 300 mm	1	Ruwan	G-10	5_120	Rs.39,778.50		
347	2008.4.30	LP		Bunsen Burner , Poligas suitable for all gas tubes with screw cup		Ruwan	G-10	5_120-4			
348	2008.4.30	D		Nim Bin Power Supply S.NO.8064642, Model 4002 D	1			5_121-1	Rs. 412,694	FAR D-No-2	
350	2008.5.30	LP	i	Lab Stand	3	Ruwan	G-10	5_121	Rs. 14,407.92		
			ii	Boss Head 10 mm	4						
			iii	Boss Head - SWIVEL 17 mm	4						
			iv	Clamp flour finger 50 mm	4						
			v	Clamp Double Adjustable 50 mm	4						
351	2008.6.30	LP		Top Loding weighing balance	1			5_121-5	Rs. 43,895	FAR No- 587	
352	2008.8.29	D		Vacuum Disiccator PP/PC	1				Rs. 18,747.59		
353	2008.8.29	D	i	Lamina Flow Cabinet 230V		VAW	XRF	5_122	Rs 657821.76		FAR D-No-3
			ii	Microwave Oven siemens,	1				Rs. 54459		
			iii	APC Smart ups 1000 VA/670w	1				Rs.72102.85		
			iv	Interface Port dB-9 Rs.232, smarts/of USB	1						
			v	Ultraschall kompaktgerate sonorex super	1				Rs. 55414.74		
			vi	Ultrasonic compact bath							
			vii	Mortars with pestle made of agate,flowless polished inner surface 25 ml	1				Rs. 11380		
			viii	Mortars with pestle made of agate, flowless, polished inner surface 50 ml	1				Rs. 20255		
			ix	Heating and magnatic stirrers RH basic 2 &RH basic kT/C m	1				Rs. 68,217.45		
			x	Infared Lamp IR 11 compressed glass	1				Rs. 6,306.81		
			xi	Spare Lamp for IR 11	1				Rs. 3333.37		
354	2008.9.29	LP	i	Digital caliper 30 mm/12	1	TMRT		5_125-4	Rs.34,091		FAR No-581
			ii	Screw Pitch Guage , 801	1				Rs.5,445		FAR No-582
			iii	Thermometer Digital Dual Print	1				Rs.71,213		FAR No-583
			iv	Multimeter Digital Clamp 1000 A	1				Rs.22,044		FAR No-584
			v	DIAL test Indicator	1				Rs.67,387		FAR No-585
355	2008.9.30	LP	i	HI-LO Welding Guage	1	TMRT		5_125-3	Rs.100,350		FAR No-586
			ii	Weld Guage	1						
356	2008.10.20	LP		672.Spectroscopy Amplifier width Nim 2 S.No.08225371	1	PM	NIL	5_126-1	Rs. 654,714	FAR No-595	
357	2008.10.29	LP		Cables of discarded MT prod machine 4/0 Cable set with either ends suitable for DA 1500 unit	3			NDT-1 5_126-2	467,475	FAR No-594	
358	2008.10.31	D	i	Vac Chamber incl. Vac feed throughs vac connections	1	VAW	XRF	5_126-3	Rs 1,565,221		FAR- D-No-4
			ii	Sample holder,wheel for 2ry target vacuum chamber	1						
			iii	Sectgt holder plus 4 target holders and targets	1						
			iv	Stepper Motor Plus sample holder for 10 samples	1						
			v	Controller	1						
			vi	Vacuum Pump membrance type oil free	1						
			vii	vacuum hoses monometer valve	1						
			viii	Pure materials for cladding	1						
357	2008.11.5	LP		Analytical Balance (Micro Balance Sn. 1129342542)	1	SSK	G-9	5_126-4	Rs.379,500	FAR No-596	
358	2008.12.9	D	i	Vacuum chamber incl. TXRF adjustment unit	1	VAW	XRF	5_127-1	Rs.14,096,087		FAR- D-No-5
			ii	Sample Changer, Italstructures(IS)	1						
			iii	MCA Incl. software for Sample Changer	1						
			iv	Seifert Tube amount,Plate,Vac componant	1						
			v	Multilayer mounting system CCD Camara	1						
			vi	Multilayer Adjustment unit	1						
			vii	Ditector SDD (KETEK) S/No 00221	1						
			viii	TXRF Chamber adaption to seifert generator	1						
			ix	Detector unit to Seifert tube	1						
			x	PC flatscreen printer RS232 TV board for beam controll	1						
359	2008.12.17	LP	i	Diametrx 1.0 MHz Longitudinal Transducer top mounted mi	2	TMRT		5_128-1	Rs. 795,800	FAR No-599	
			ii	3116" diameter x 5.0 MHz dual T/R	2						

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No	Date	LP/D	Sub No.	Item Name	Qty	Issued to	Location	Inv. No	Value	Remarks			
										FAR No	Other		
360	2008.12.17	D		Analytical Evacuatable Pellets die set for XRF diameter 25 mm diameter P/N 0012-6653	2				Rs. 291,060.60				
361	2008.12.18	D		Tungsten Carbide Pellets 25 mm P/N 00126655 set of 2	1		SPR	5_128-2	Rs.63,088.42	FAR D- No-6			
362			i	Drying cabinet 20									
			ii	Lab stop timer									
363	2008.12.29	LP	i	GE Model Phasec 2D Eddy Current tester with following access	1		TMRT	G-05	5_129	Rs. 2,484,000	FAR No-598		
			ii	Phasec 2 portable dual frequency eddy current instrument complete with calibration certificate No.21536 S.NO.560252/05									
			iii	Printed Operating Manual 2d English									
			iv	Battery charger.eliminator requiresS.NO.420304/640									
			v	Power Cord appropriodion to Sri Lankan Power supply S.NO.126707									
			vi	Lead Rs.232for phasec 2s 7 way S.No.40A024									
			vii	Soft padded carrying case S.No.40A142									
364	2009.1.29	LP		T-10 Desk top compation printer unit S.No. KKG012826	1								
				External Shield for 20 MBQ Source	1			5_130-1	Rs. 27,726				
365	2009.3.9	D	i	Self Contained Flaker - Item No. 32663-AF 80 AS (Scotsman Ice System DD663608W)	1				Euro 1469				
			ii	Ultra Pure water system micro pure w.integrated feed water storage tank 6 Ltrs. Item No.32999-08 1202-ST Sno.638/1/08	1				Euro 1925				
			iii	Filter set for micro & micropure Item No. 32999-09 1006	1				Euro 330				
			iv	Ver3150-1R38ELVC vertical laboratory sterilizer - 33044-VFR 3150-1 R 38EL (Autocave)	1	SSK	G-10	6_1-1	Euro 6228	Rs.2,478,708	FAR-D-No- 7		
			v	Printer, DPU - 30, Seiko	1				Euro 385				
			vi	Compressor Air silent,23 OV/50 Hz, 1HP with automatic drain, airbag, fiac	1				Euro 1155				
			vii	F.Zero value Item 33044-ADD22270047	1				Euro 330				
			viii	Stainless steel container with vent holes	1				Euro 473				
			ix	Stainless sttel wire baskets	1				Euro 143				
366	2009.3.11	LP		Portable Neutron Survey Meter, S.No.107706, Model m99	1	KS	QAL	6_2-2	Rs. 2,475,200	FAR No- 606			
367	2009.3.17	LP		Pressure Pump, Model m99, Make. Saer	1	VAW	XRF	6_2-4	Rs.42,560	FARNo- 607			
368	2009.4.2	D		Diaphragm Pumps type MDI with vacuum tubing 6.0 mm tubing clamp, triyway vacuum valve	1	VAW	XRF	6_2-5	Rs.222,253	FAR-D-No- 8			
No	Date	LP/D	Sub No.	Item Name	Qty	Issued to	Location	Inv. No	Value	Remarks			
369	2009.4.20	D		X-ray Tube SN.180257	1	VAW	XRF	6_3-1	Rs.792,824	FAR-D-No- 9			
370	2009.6.16	D		Sample Holder Wheel Alu 4 seats	1	VAW	XRF	6_3	Rs. 68,858.77	FAR-D-No-10			
				Teflon Washing Unit	1								
371	2009.7.13	LP		Stop Watch - Casio	1	DCK	G-10	6_3	Rs. 3480	FAR No- 609			
372	2009.7.15	LP		2.8v Battery Charger (Energizer)	1	SSDL	AEA	6_3	Rs. 3500	FAR No- 610			
373	2009	LP		TLD Display Board - AEA/B-2/K/4	1	EPM	AEA						
374	2009	LP		Scientific Instrument Board	1	EPM	AEA						
375	2009.7.20	LP		Nal Scintillation Detector 3x3 in crystal 3 in PMT (with preamplifier & Cable) Model C-24-12, C-36-12, C-25-12 SN.60009-00561-1	1	MCSS	LLCL	6_4	Rs. 539,105.28	FAR No- 608			
376	09.02.10			Laboratory Stand	4	VAW	SPR	6-5-4.	9,000				
377	26.02.10		i	Programable Logic Control	1	PM	NIL	6-5-5.	90,332				
			ii	Acc. j Mutimaster cable	1	PM	NIL		25,872				
378	26.04.10			External Drive DVD Writer	1	PM	NIL	6-6-1.	8,000				
379	31.05.10	D		Medical Gas- Vacuum Sealer & Compressor	1	SSK	RP	6-6-2.	3785167.81				
380	31.05.10	D		Firmness Tester	1	SSK	MGIF	6-6-3.	1054326.5				
381	31.05.10	D		Laminar air Flow	1	SSK	MGIF	6-6-4.	1061852.76				
382	31.05.10	D		Laboratory Microscope with Accessories	1	SSK	MGIF	6-6-5.	318502.81				
383	31.05.10	D		Incubator ICP	2	SSK	MGIF	6-6-6.	2385783.27				
384	31.05.10	D		Water Activity Meter	1	SSK	MGIF	6-6-7.	1255997.47				
385	31.05.10	D		Moisture Balance with Accessories	1	SSK	MGIF	6-6-8.	542634.69				
386	31.05.10	D		Laboratory PH Meter with Accessories	1	SSK	MGIF	6-6-9.	218973.83				
387	31.05.10	D		Analytical Balance	1	SSK	MGIF	6-6-10.	393880.54				
388	31.05.10	D		Top Loading Balance	1	SSK	MGIF	6-6-11.	54959.98				
389	31.05.10	D		Oven for Microbiological Laboratory	1	SSK	MGIF	6-7-1.	344821.27				
390	31.05.10	D		Distillation unit	1	SSK	MGIF	6-7-2.	513165.56				
391	31.05.10	D		water Bath	3	SSK	MGIF	6-7-3.	376690.37				
392	31.05.10	D		Hand held Refractometer	1	SSK	MGIF	6-7-4.	20994.47				
393	31.05.10	D		Refractometer Modle	1	SSK	MGIF		77799.94				
No	Date	LP/D	Sub No.	Item Name	Qty	Issued to	Location	Inv. No	Value	Remarks			
394	03.06.10			Liquid penetrent testing Specimens	10	JNE	DT- G-	6-7-5.	92500				
395	03.06.10			Magnetic Partical tedting Specimens	10	JNE	DT - G-	6-7-6.	126000				
396	30.06.10			Image Quality Indicator	set 01	MAKJ	DT-G-1	6-7-7.	81930				
397	30.06.10			Image Quality Indicator	set 02	MAKJ	DT - G-	6-8-1.	81930				
398	30.06.10	D		Gamma Reference Soutces Set	1	AJ	QAL	6-8-2.	803530.43				
399	30.06.10			Ultrasonic Flaw Detector	1	MAKJ	DT -G-	6-8-3.	631000				
400	30.06.10			Ultrasonic Flaw Detector	1	MAKJ	DT -G-	6-9-1.	631000				
401	30.06.10			Ultrasonic Thickness Gage	2	MAKJ	DT -G-	6-9-2.	774720				
402	30.06.10			Microdot Transducer Cable (Probe Cable)	2	MAKJ	DT -G-	6-9-3.	49780				
403	30.07.10			Leser Beam (Red Dut) with DC Power Supply for Alignment Purpose	1	ASRA	SSDL	6-9-4.	99542.52				
	30.07.10			Spot Fecused UV Lamp	1	JNE	NDT	6-10-1.	524400				
404	30.07.10			Extra Bulb	2	JNE							
	30.07.10			Extra Filter	2	JNE							
	30.07.10			Extra Baruty (Bp-12 A) 12v	2	JNE							
405	30.07.10			Magnetic AC/DC Inspection Yoke with Carring Case	2	JNE	DT- G-	6-10-2.	305920				
406	23.08.10			Laboratory Support Stand	2	ASRA	SSDL	6-10-3.	22500				
407	30.08.10			Universal Battery Chagers	1	JNE	DT- G-	6-10-5.	1450				
408	14.09.10			Quilty Contri Beam Clecker		KS	QAL	6-10-6.	312281.18				
409	17.09.10			Fluke Victoreen Non- Investive X-Ray Test Device	1	THSS	QAL	6-11-1.	1887179				

**Scientific Equipment Inventory**

No	Date	LP/D	Sub No.	Item Name	Qty	Issued to	Location	Inv. No	Value	Remarks	
										FAR No	Other
410	17.09.10			External Power Supply Unit Computable to the Victorem 4000m	1	THSS	QAL	6-11-2.	60063.83		
411	08.10.10	D		Cryogen IC Container GT 26	1	AJ	QAL	6-11-3.	245999.5		
412	27.10.10			Dehumidifire	1	V.A. Waduge	XRF Lab	6-11-4	84166.66		
413	23.11.10			Electronic Balance	1	T.N. Attanayake	LLC Lab	6-11-5	51212.00		
414	10.12.10	D		UV-VIS-NIR Spectrophotometer & Accessories	1	K.R.C. De Silva	Radiation Processing Lab	6-11-6	8109602.50		
415	10.12.10	D		Liquid Water Isotope Analyzer	1	Viraj Edirisinghe	G-7	6-11-7	5309498.90		
416	10.12.11	D		Autoinjector	1	Viraj Edirisinghe	G-7	6-11-8	2238376.10		
417	31.12.10	D		Thickness Gauge Type Solartron LE/12/S 240 V	1	S S Kulathunga	Radiation Processing Lab	6-12-1	557639.85		
418	13.01.11			Stainless Steel Container 20" * 30" with Net and Lid	1	S S Kulathunga	Radiation Processing Lab	6-12-2	125075.00		
419	13.01.11			Stainless Steel Container 16" * 24" with Net and Lid	1	S S Kulathunga	Radiation Processing Lab	6-12-3	80900.00		
420	13.01.11			Stainless Steel Spoon	2	S S Kulathunga	Radiation Processing Lab	6-12-4	5000.00		
421	23.02.11			Stainless Steel Container	1	Lakmal	Sample	6-12-5	27500		
<b>CANCEL</b>											
422	23.02.11			Stainless Steel Box (Divolping Tanks)	2	Viraj Edirisinghe	Dark Ro	6-12-7	29473.92		
423	03.03.11			C-30 Stand for Gas Cooker	1	S S Kulathunga	Radiation Processing Lab	6-12-8	1100.00		
424	03.03.11			C-40 Stand for Gas Cooker	1	S S Kulathunga	Radiation Processing Lab	6-12-9	1300.00		
425	23.04.11			One Way Battery Charger (Innergy Brand)	1	A. Jayalath	Radi. Pr	6-13-1	4500.00		
426	31.05.11	D		Spectrophotometer	1	S S Kulathunga	Radiation Processing Lab	6-13-2	5610150.00		
427	31.05.11	D		Viscosystem AVS 470	1	S S Kulathunga	Radiation Processing Lab	6-13-3	1238396.70		
428	31.05.11	D		Ubbelohde Viscosystem (52700ASTM, 52701ASTM, 52710ASTM, 52720ASTM, 52730ASTM, 52740ASTM, 52743ASTM, 52703ASTM, 50110KPAI	1	S S Kulathunga	Radiation Processing Lab	6-13-4	344281.82		
429	31.05.11	D		Ostwald Viscosystem	1	S S Kulathunga	Radiation Processing Lab	6-13-5	13955.15		
430	31.05.11	D		Capillary Viscosystem OA	1	S S Kulathunga	Radiation Processing Lab	6-13-6	38253.54		
431	31.05.11	D		Capillary Viscosystem IC	1	S S Kulathunga	Radiation Processing Lab	6-13-7	38253.54		
<b>CANCEL</b>											
No	Date	LP/D	Sub No.	Item name	Qty	Issued To	Location	Inv. No	Value	Remarks	
										FAR No.	Other
432	11.10.26			Saffive Regulator S/N. 1281218	1	A. Ratnayake	TLD Lab	Sc-Ast-6	24218.88		
				Saffive Nipple	1			Sc-Ast-6	351.63		
				Saffive Nut Conpling	1			Sc-Ast-6	357.79		
433	11.12.05			Dark Room Safe Lamp	1	J N Edirisinghe	NDT Da	Sc-Ast-6	155170.40		
434	11.12.07			TLD Reader Model Harshaw 6600 Plus DXT-RDA with Internal Irradiator	1	A. Ratnayake	TLD Lab	Sc-Ast-6	17826907.00		
435	11.12.07			PC System Monitor - Serial No. : 11019C0800381 Model No.: iyamaproLiteE1706S Mouse - Serial No. : U009HG0Q85 Model No.: Logitech RX 250 Key Board - Serial No. : G0022528 Model No.: Cherry RS6000M CPU - Serial No. : 10/10-083686 Model No.: Intel Pentium Printer - Serial No. : CNC0P41456 Model No.: HP Lazerjet P2035	1	A. Ratnayake	TLD Lab	Sc-Ast-6	545243.50		
436	27.12.11			3 Way Water Tap	2	K.R.C De Silva	Radiation Processing Lab	Sc-Ast-6	25088.00		
437	27.12.11			Shape Refrigerator  Model - SJFTORSL - 4 Doors Serial No. - 8110801317	1	V.A. Waduge	Alpha Beta Counting Lab	Sc-Ast-6	279990.00		
438	11.12.28			Digital Radiation Survey Meter (RDS-31S Multi Purpose Meter) Make - Rados Model No. - RDS 31	1	Gayan Perera G-12	NDT Lab	Sc-Ast-6	270368.00		

**Scientific Equipment Inventory**

No	Date	LP/D	Sub No.	Item Name	Qty	Issued to	Location	Inv. No	Value	Remarks	
										FAR No	Other
				Country of Origin - France Serial No. - 2100599							
439	11.12.29			UV LED AC/DC Inspection Lamp with Accessories - AC Power Code - Battery Pack - Carrying Case - Battery Charger	1	J.N. Edirisinghe G-5	NDT Lab	Sc-Ast-6	351948.80		
440	12.01.12			Film Viewer - Portable Industrial LED Film - Viewer with Four Switch and carrying Bag - Viewing Area 80 x 220 mm Make - Wen 2 hou, Lucheng NDT Serial No. - 802621 Model No. - FV 2008	1	J.N. Edirisinghe G-12	NDT Lab	Sc-Ast-6	305984.00		
441	12.01.13			Boss Head	24	Lakmali	Sample Preparation Lab	Sc-Ast-6	7608.00		
				Clamp	24	- do -	- do -	Sc-Ast-6	8544.00		
442	12.01.12			Iron Frame 5' x 4' for Sample Preparation Glas apparatus (C-14)	1	V.A. Waduge	Sample Preparation Lab	Sc-Ast-6	3850.00		
443	12.01.13			Beaker Holders for C-14 Appratus	1	V.A. Waduge	Sample Preparation Lab	Sc-Ast-6	3700.00		
444	12.01.24			Vacuum Gauge	1	V.A. Waduge	Sample Preparation Lab	Sc-Ast-6	3750.00		
445	12.02.11			Ultra Pure Water Purification System  Serial No. - 41314742 Model No. - Smart 2 Pure UV	1	V.A. Waduge	Sample Preparation Lab	Sc-Ast-6	655200.00		
446	12.01.20			C-14, Sample Preparation Glass Vacuum Line	1	V.A. Waduge	XRF Lab	Sc-Ast-6	63000.00		
447	12.03.06			For Ceps 1.5 Feet	2	T.N. Attanayake	LLC Lab	Sc-Ast-6	4400		
				For Ceps 1 Feet	1	T.N. Attanayake	LLC Lab	Sc-Ast-6	1400.00		
448	12.03.22			Portable Digital Thermo Hygrometer Serial No. - 11032199 (One year Warranty)	1	R. Abeysinghe	SSDL Lab	Sc-Ast-6	15510.00		
449	12.03.26			Accessories for PHASEC2D Eddy Current Instrument Model - GE. Make - GE Inspection Technologies USA i) 90° Tip - Delrin Handle - 500 KHz ii) 45° Crank - Delrin Handle - 500KHz iii) 15° Crank - 90° Tip Delrin Handle - 500 KHz iv) Dynamic Rotating - Probe - 200KHz v) Metal Sorting Absolute - 200 KHz (809P1) vi) Sliding Probe 400Hz-50KHz (581P001) vii) Drive Unit 33A 106 and 33A 100 viii) Changer (39A023) ix) Conductivity Reference Block (47A012) x) Conductivity Reference Block (47A015) xi) Conductivity Reference Block (47A019) xii) Conductivity Reference Block (47A022) xiii) Reference Block Dual Reference (47A010)	1 Unit 1 Unit 1 Unit 1 Unit 1 Unit 1 Unit 1 Unit 1 Unit 1 Unit 1 Unit 1 Unit 1 Unit 1 Unit	G-12 J.N. Edirisinghe	NDT Lab	Sc-Ast-6	75000.00 70000.00 75000.00 72000.00 145000.00 130000.00 75000.00 35000.00 65000.00 65000.00 65000.00 65000.00 65000.00		
450	12.03.27			Multi Channel Eddy Current System Serial No. - 0252F2 Model No. - Apollo (MRX/IMTX)	1 Unit	J.N. Edirisinghe G-12	NDT Lab	Sc-Ast-6	7339000.00		
451	12.03.28			Digital Film Densitometer Model No. - 210 E Denay Serial No. - 3103363	1 Unit	Gayan Perera G-12	NDT Lab	Sc-Ast-6	599200.00		
452	12.03.29			Industrial Film Digitizer 2905HD Laser Film Digitizer (High Density Consist of) Serial No. - 2116374 Model No. - 2905HD * Dell i5 computer - 01 Monitor, Key Board & Mouse (My - OTK54F-M1101-CN-000) * Power Cable - 01 * Veiving Softwayer	1	Gayan Perera G-12	NDT Lab	Sc-Ast-6	9415616.00		
453	12.04.20	D		Stainless Steel Laboratory Standard Container with Dispensing System, 25 Liters	1	V. Edirisinghe	Isotope	Sc-Ast-6	574689.00		
454	12.06.26			Lead Screen 0,125mm	25 Pairs	Gayan Perera G-12	NDT Lab	Sc-Ast-6	42000.00		
455	12.06.27			Metal Cover For Air Sampler	1	Lakmali	7/023 P	Sc-Ast-6	5250.00		
456	12.08.08			Burette Clamp	2	Thilakarathne	otope Lab	Sc-Ast-6	3360.00		
457	12.08.15			Iron Concreet Block	1	Prabath	otope Lab	Sc-Ast-6	11000.00		
458	12.08.16			Iron Frame Colum Test	1	Prabath	otope Lab	Sc-Ast-6	15000.00		
459	12.08.22			Laborotry Stand with Support Rod	2	Thilakarathne	otope Lab	Sc-Ast-6	9811.20		
460	12.08.24			Global Position Sensor (GPS)	1	P D Mahakumara	N I Lab	Sc-Ast-6	81200.00		
461	12.08.30	D		Gama Tracer Modle XLZ-2-RS-232	8	A Jayalath	Room N	Sc-Ast-6	6926030.05		
462	12.08.30		Gama Tracer Extension Unit	8	A Jayalath	Room N	Sc-Ast-6				
463	12.08.30		Network Monitoring Center	1	A Jayalath	Room N	Sc-Ast-6				
			Server HP Proliant Modle ML 350G6	1	A Jayalath	Room N	Sc-Ast-6				
			UPS APC Smart UPS Modle 1000	1	A Jayalath	Room N	Sc-Ast-6				
			Monitor HP 21,5" CPO Modle LE 2202X	1	A Jayalath	Room N	Sc-Ast-6				
			APC Surge Protector S/N ZJ1141P20219	1	A Jayalath	Room N	Sc-Ast-6				
			Network Alarm Box S/N N4B 100181FA 10018	1	A Jayalath	Room N	Sc-Ast-6				
		Data Expert (Manual)	1	A Jayalath	Room N	Sc-Ast-6					
464	12.08.30			CS -137 Gama check Source	1	A Jayalath	Room N	Sc-Ast-6	283267.14		
465	12.08.30			Iron Stand For Isotop Hidrology Project	20	Viraj Edirisinghe	I.H. Proj	Sc-Ast-6	59000.00		
466	12.10.02			Magnafux Y-1 AC Yoke S/N 0227	1	D C Samaraweera	NDT Lab	Sc-Ast-6	188461.73		
467	12.12.20			12V Cor DC to 240V AC Inverter 350w S/No. 2012081930264	1	P D Mahakumara	N I Lab	Sc-Ast-6	3150.00		
468	12.12.31	D		Solar Panel for Early Warning System	1	C Herath	Early Warning System	Sc-Ast-6	31889.78		
469	12.12.31			Computer-Dose Electro Chemical Cell S/No. H101402001	1	M A Hettiarachi	Radiation Processing Lab	Sc-Ast-6	701008.27		
470	12.12.31	D		880 Delta Projector with Ir-192 Handle Grip Control Assembly	1	J N Edirisinghe	X-ray R	Sc-Ast-6	2910221.00		

**Net 4025.52**

**Scientific Equipment Inventory**

No	Date	LP/D	Sub No.	Item Name	Qty	Issued to	Location	Inv. No	Value	Remarks	
										FAR No	Other
471	13.01.15			Laboratory Jack 12x14 S.S. Laboratory Jack 20x20 S.S.	3 1	T N Attanayake	LC Lab	Sc-Ast-6 Sc-Ast-6-21-VI	41850.00		
472	13.01.31			Iron Prame for Plot (Plant House)	1	S S Kulatunge	Open University, Nawala	Sc-Ast-6	125714.27		
473	13.02.18			Standart RT Kit (10 Pieces) Standard UT Kit (10 Pieces) Standard MT / PT Kit (10 Pieces) Standard VT Kit (10 Pieces) NDT Demonstration Kit (10 Pieces) Reference Radiography Kit	1 1 1 1 1 1	T M R Tennakoon	NDT	Sc-Ast-6 Sc-Ast-6 Sc-Ast-6 Sc-Ast-6 Sc-Ast-6 Sc-Ast-6	2478560.00		
474	13.02.07			Corrosion Analysis Detector with Accessories S/No. 20-1805  - Indicating Device Canin (01) - Carrying Strap (01) - Protection Sleeve for Indi. Device (01) - Transfer Cable (01) - USB - Serial Adaptor (01) - Operating Instruction (01) - Carrying Case Canin (01) - Red Electrode with Spare Parts (01) - Electrode Cable 25m (01) - Cable Coil 25m (01) - Provist PC Software (01) - Bottle with Copper Sulphate (250g) - L-Wheel Electrode System (01) - Tool Kit to wheel Electrode System (01) - Bottle with Citricacid (250 g)	1	S M S Pulle	NDT Concrete Testing Inspection	Ast-6-22	2044000.00		
475	13.02.27			Empact Echo Tester with Accessories S/No. JM02235  - Analog to digital data acquisition system(01) - One cylindrical hand-held transducer unit (six Sam.) (3 Flat and 3 cone shaped) (06) - Ten spherical impactors (two sets of fire) (10) - Out put adaptor (01) - Vechicle DC power adaptor (01) - Printed materials (a) Book : Impact Echo (01) (b) Impact Echo Instrument Manual (01) © Impact Echo User's Manual - Ruggedized water proof field case (01) - Wave speed unit for measuring wavespeed rods attached to a tentral ring (01) - Computer software CD (01) - Two BNC Cables - 6ft (02) - USB Port Cable (01) - Dell mini lap top S/No. CKZYZNI (01) - Printer Deskjet 1000HP S/No. CN2BJ28JHX (01)	1	S M S Pulle	NDT Concrete Testing	Ast-6-2	3091200.00		
476	13.02.27			Rebar Detection System Profometer 5t models S/No.578962  - Indicating Device (01) - Carrying Strap (01) - Universal Probind Protection Film (01) - Probe cable 1.5 m (01) - Transfer cable 1.5 m (01) - RS 232 / adaptor (01) - Data carrier (01) - Head Set (01) - Protection sleeve for display nut (01) - Operating instructions (01) - Carrying case (01)	1	S M S Pulle	NDT Concrete Testing	Ast-6-23	1094240.00		
477	13.02.27			Moisture Meter with Accessories S/No. 60585408  - Hygropin unit (01) - In situ probe (01) - Carrying case (01) - 10 PCS measuring sleeves (10) - CD incl (01) - Hygrolink (01) - Documentation (01)	1	S M S Pulle	NDT Concrete Testing	Ast-6-24	397600.00		
478	13.02.27			Pile Integrity Testor Model - PIT-V with Accessories S/No. 3848CA  - PIT Model V starter system (01) - 12 V power supply for PITSA (01) - 110 V AC Power Card for 12 V power supply (01) - PIT Transit case (01) - Foam insert for PITSA ellis case 05-7766 (01) - External PCMCIA card reader (01) - Shoulder strap (01) - Execetiv pen stylns (01) - PIT accelerometer wax-50-01 (02) - Battery charger per PIT-5A (01) - 110 V AC power card for battery charger (01) - PIT Vedio (01) - 2 Regular hammer (01) - 3 Regular hammer (01) - PIT accelerometer-top mount white -TL (01) (S/No. 21044)	1	S M S Pulle	NDT Concrete Testing	Ast-6-24	2234400.00		
479	13.02.27			Pile Echo Tester (Model ; PET Pro USB) S/No. 26024 with Accessories  - USB pet sensor (01) - Spare water proof USB cable (01) - Thorex nylon hammer 32 mm (01) - Carrying case (01) - Replacable tips for hammer (04) - HBM putty (100 gv) - Pet software installation CD (01) - Model ES-08100 accelerometer calibration data (01) - Model ES-08100 accelerometer specification (01) - Validation test result (01) - Certificate of calibration (in house) (01) - Certificate of quality (01) - Declaration of ASTM D5882-07 conformance (01)	1	S M S Pulle	NDT Concrete Testing	Ast-6-25	1545600.00		

**Scientific Equipment Inventory**

No	Date	LP/D	Sub No.	Item Name	Qty	Issued to	Location	Inv. No	Value	Remarks	
										FAR No	Other
				-PET Getting started card (01) -Company mini laptop (S/No. 5CB14151P8) (01) -Printer HP-Deskjet 1000 (S/No. 2BJ28K5R) (01)							
480	13.03.20			Pull Off Tester M Model : 58-C215/T S/No. : 12017 556	1 unit	S M S Pulle	NDT Concrete Testing	-Ast-6-26	741400.00		
481	13.03.20			Ultrasonic Pulse Velocity with Oscilloscope with Accessories V-meter MKFU Model : VC 400 S/No. : 40001-10535	1 unit	S M S Pulle	NDT Concrete Testing	-Ast-6-26	1291752.00		
482	13.03.20			Schmith Hammer James Digital Rebounder Reat Hammer with Assessories Model USD 2000 S/No. 40200-822210	1 unit	S M S Pulle	NDT Concrete Testing	-Ast-6-26	662166.40		
483	13.04.26			A & D SK 5001 WP Scale S/No. - P1644357	1	W M I Dissanayake	LLC Lab	-Ast-6-26	48070.90		



**Radioactive Sources Stored in the Atomic Energy Authority Waste Management Facility Pending Disposal**  
**Up dated on 05.04.2013**

**(1) Radioactive Sources Conditioned**

Package No.	Shield No.	Container No.	No. of Capsules	No. of Sources	Radioactive Material	Activity on 20.05.2010	Institute from which the material received
SRL - 401	SRL - 301	-	10	-	Ra -226	0.54 Ci	Cancer Hospital, Maharagama
SRL - 402	SRL - 302	-	10	-	Ra -226	0.59 Ci	Cancer Hospital, Maharagama
SRL - 403	SRL - 303	-	10	-	Ra -226	0.55 Ci	Cancer Hospital, Maharagama
SRL - 404	SRL - 304	-	10	-	Ra -226	0.52 Ci	Cancer Hospital, Maharagama
SRL - 405	SRL - 305	-	10	-	Ra -226	0.49 Ci	Cancer Hospital, Maharagama
SRL - 406	SRL - 306	-	10	-	Ra -226	0.49 Ci	Cancer Hospital, Maharagama
SRL - 407	SRL - 307	-	10	-	Ra -226	0.51 Ci	Cancer Hospital, Maharagama
SRL - 408	SRL - 308	-	10	-	Ra -226	0.49 Ci	Cancer Hospital, Maharagama
	-	LC-1	-	02	Ra - 226	39.42 mCi	Ceylon Tobacco Company
SRL - 409	SRL - 309	-	10	-	Ra -226	0.57 Ci	Cancer Hospital, Maharagama
<i>No. of Sources (Needles) Conditioned</i>				<i>= 90</i>			
<i>No. of Sources Conditioned (Lightening Arrestors)</i>				<i>= 02</i>			
<i>Total No. of Sources Conditioned</i>				<i>= 92</i>	<i>(Date of conditioned 24 April &amp; 12 May 2000)</i>		

**(2) Radioactive Sources Not Conditioned**

**a) Used for Brachytherapy Treatments:**

Radioactive Source	No. of sources	Activity on 20.05.2010	Institute from which the material received	Country of Origin/Manufacturer
Co-60 (LC-14)	03	1.77 Ci	Cancer Hospital, Maharagama	Not known
<i>No. of sources = 03 (Date of received 17.09.2007)</i>				

Radioactive Source	No. of sources	Activity on 20.05.2010	Institute from which the material received	Country of Origin/Manufacturer
Cs-137 (LC-16)	03	Not known	Teaching Hospital, Kandy	Not known
<i>No. of sources = 03 (Date of received 10.08.2010)</i>				

Radioactive Source	No. of sources	Activity on 01.12.2000	Institute from which the material received	Country of Origin/Manufacturer
Cs-137 (LC-17)	11	0.48 Ci	Teaching Hospital, Kandy	Eric Rouchon
<i>No. of sources = 11 (Date of received 10.08.2010)</i>				

**b) Used as Lightning Arrestors**

Radioactive Source	Activity on 20.05.2010	Institute from which the material received	Country of Origin/Manufacturer
241Am-Be	20 mCi	Triton Hotel, Ahungalla <i>(Date of received 12.12.2005)</i>	United Kingdom
241Am-Be	20 mCi	Neptune Hotel, Beruwala	United Kingdom
241Am-Be	20 mCi	Browns Beach Hotel, Negambo	United Kingdom
241Am-Be	20 mCi	Ceylon Biscuits, Pannipitiya <i>(Date of received 17.07.2012)</i>	United Kingdom
<i>No. of sources = 04</i>			

## c) Used as Soil Moisture Gauges

Type	Equipment Model No.	Equipment Serial No.	Source Serial No	Radioactive Source	Activity on 20.05.2010	Institute from which the material received .	Country of Origin/Manufacturer
Troxler	3222	220	NE 4420	241Am-Be	9.55 mCi	Land Use Division, Irrigation Department	Troxler Electronic Laboratories, Inc..U.S.A
Troxler	3222	219	NE 4419	241Am-Be	9.55 mCi	Land Use Division, Irrigation Department	Troxler Electronic Laboratories, Inc..U.S.A
Troxler	1255	734	AM 123	241Am-Be Cs-137	94.37 mCi	Land Use Division, Irrigation Department	Troxler Electronic Laboratories, Inc..U.S.A
CPN	-	-	MM4054943	241Am-Be Cs-137	47.91 mCi	Land Use Division, Irrigation Department	Instrotek Company,U.S.A
Neutron depth probes	-	-	-	241Am-Be	Not known	Land Use Division, Irrigation Department	Not known
	-	-	-	241Am-Be	Not known	Land Use Division, Irrigation Department	Not known
Troxler	1255	478	45-5264	241Am-Be	10 mCi	Land Use Division, Irrigation Department	Troxler Electronic Laboratories, Inc..U.S.A
<i>No. of sources = 07</i>							

Type	Equipment No.	Radioactive Source	Activity on 20.05.2010	Institute from which the material received	Country of Origin/Manufacturer
CPN 503 DR	H 30119935	241Am-Be	48.50 mCi	Department of Export Agriculture, Matale	Instrotek Company,U.S.A
CPN 503 DR	MS 0099813	241Am-Be Cs-137	48.53 mCi 6.51 mCi	Department of Export Agriculture, Matale	Instrotek Company,U.S.A
<i>No. of sources = 02</i>					

P-9.

Type	Equipment Model No.	Equipment Serial No.	Source Serial No	Radioactive Source	Activity on 20.05.2010	Institute from which the material received	Country of Origin/Manufacturer
Troxler	3440	34335	47-3009 751-377	241Am-Be Cs-137	40 mCi 8 mCi	China Harbour Engineering, Bandaragama	Troxler Electronic Laboratories, Inc..U.S.A
Troxler	3440 Plus	39538	78-4260 77-7077	241Am-Be Cs-137	40 mCi 8 mCi	China Harbour Engineering, Bandaragama	Troxler Electronic Laboratories, Inc..U.S.A

*No. of sources = 02 (Date of received 27.03.2012)*

Type	Equipment Model No.	Equipment Serial No.	Source Serial No	Radioactive Source	Activity on 20.05.2010	Institute from which the material received	Country of Origin/Manufacturer
Troxler	3430	34244	-	241Am-Be Cs-137	40 mCi 8 mCi	Kumagai Gumi Co. Ltd, Baddegama	Troxler Electronic Laboratories, Inc..U.S.A
Troxler	3430	34246	-	241Am-Be Cs-137	40 mCi 8 mCi	Kumagai Gumi Co. Ltd, Baddegama	Troxler Electronic Laboratories, Inc..U.S.A

*No. of sources = 02 (Date of received 06.11.2012)*

**d) Used for Research & Education Purposes**

Container No.	Radionuclide (If identified)	Activity on 20.05.2010 (If known)	Institute from which the material received	Country of Origin/Manufacturer
LC -2	Co-60	2.8 mCi	Department of Nuclear Science, University of Colombo	Not Known
LC-3	Co-60	1.8 mCi	Department of Nuclear Science, University of Colombo	Not Known
LC-4	-	Not known	Department of Nuclear Science, University of Colombo	Not Known
LC-5	Co-60	Not known	Department of Nuclear Science, University of Colombo	Not Known
LC-6	-	Not known	Department of Nuclear Science, University of Colombo	Not Known
LC-7	-	Not known	Department of Nuclear Science, University of Colombo	Not Known
LC-8	Neutron	Not known	Department of Nuclear Science, University of Colombo	Not Known
LC-9	Cs-137	Not known	Department of Nuclear Science, University of Colombo	Not Known
LC-10	-	Not known	Department of Nuclear Science, University of Colombo	Not Known
LC-11	-	Not known	Department of Nuclear Science, University of Colombo	Not Known
LC-12	-	Not known	Department of Nuclear Science, University of Colombo	Not Known
LC-13	-	Not known	Department of Nuclear Science, University of Colombo <i>(Date of received 29.08.2006)</i>	Not Known
-	Pu / Be	0.27 mCi	Department of Engineering, University of Moratuwa <i>(Date of received 17.02.2003)</i>	Not Known
<i>No. of sources = 13</i>				

\* All these sources are in mille Curie Levels

**e) Used for Density Gauges**

Radioactive Source	No. of Sources	Activity on 24.06.2011	Institute from which the material received	Country of Origin/Manufacturer
Cs-137	05	4.73 Ci (1978)	Ceylon Steel Corporation Ltd, Oruwala	Union of Soviet Socialist Republic (USSR)
<i>No. of sources = 05 (Date of received 24.06.2011)</i>				

Name, Make & Model of the Device	Date of Manufacturer	Source Serial No	Radioactive Source	Activity on 20.03.2013	Institute from which the material received	Country of Origin/Manufacturer
Industrial Nucleonics Accuray Corporation C-7, S-18	12-1981	S 2141 H	Sr-90	25 mCi	Ceylon Tobacco Company, Colombo 15	Accuray Corporation 650, Ackerman Road, Columbus, OHIO, 43202, U.S.A
	11-1980	S 1815 H	Sr-90	25 mCi		
	12-1981	S 2245 H	Sr-90	25 mCi		
	05-1981	S 2016 H	Sr-90	25 mCi		
	04-1983	S 2703 H	Sr-90	25 mCi		
	05-1981	S 2018 H	Sr-90	25 mCi		
	05-1981	S 2019 H	Sr-90	25 mCi		
	05-1981	S 2017 H	Sr-90	25 mCi		
	12-1981	S 2144 H	Sr-90	25 mCi		
	12-1981	S 2239 H	Sr-90	25 mCi		
05-1981	S 2020 H	Sr-90	25 mCi			
<i>No. of sources = 11 (Date of received 20.03.2013)</i>						

**f) Used for Level Gauges:**

Radioactive Source	No. of sources	Activity on 12.03.2013	Institute from which the material received	Country of Origin/Manufacturer
Cs-137	02	100 mCi x 02	Prema Ceylon Ltd, Rajagiriya	Not known
<i>No. of sources = 02 (Date of received 12.03.2013)</i>				

P-12

**g) Others**

Radioactive Material	Activity on 20.05.2010	Institute from which the material received	Country of Origin/Manufacturer	Comments
Cs -137	20.12 mCi	Teaching Hospital, Karapitiya	Not Known	These sources have not yet been used
Cs -137	20.12 mCi	Teaching Hospital, Karapitiya	Not Known	
Cs -137	40.24 mCi	Teaching Hospital, Karapitiya	Not Known	
Cs -137	30.18 mCi	Teaching Hospital, Karapitiya	Not Known	
Cs -137	30.18 mCi	Teaching Hospital, Karapitiya	Not Known	
Cs -137	30.18 mCi	Teaching Hospital, Karapitiya	Not Known	
Cs -137	30.18 mCi	Teaching Hospital, Karapitiya	Not Known	
Cs -137	20.12 mCi	Teaching Hospital, Kandy	Not Known	
Cs -137	20.12 mCi	Teaching Hospital, Kandy	Not Known	
Cs -137	20.12 mCi	Teaching Hospital, Kandy	Not Known	
Cs -137	30.18 mCi	Teaching Hospital, Kandy	Not Known	
Cs -137	30.18 mCi	Teaching Hospital, Kandy	Not Known	
Cs -137	30.18 mCi	Teaching Hospital, Kandy	Not Known	
Cs -137	30.18 mCi	Teaching Hospital, Kandy	Not Known	
Cs -137	12.07 mCi	Ceylon Petroleum Corporation	Not Known	
<i>No. of sources</i>		<i>= 15</i>		

*Total Nos. of Sources Not Conditioned = 80*

**Total nos. of sources stored in AEA = 172**

## ලංකා විදුලිබල මණ්ඩලය

(1959 අංක 17 දරණ පාර්ලිමේන්තු පනතින් පිහිටුවා ඇත.)

இலங்கை மின்சாரக் கழகம்

(1959 ஆம் ஆண்டின் 17 ஆம் இல. பாராளுமன்ற சட்டத்தால்  
ஏற்படுத்தப்பட்ட பிரதம அமைச்சரவை)



**CEYLON ELECTRICITY BOARD**

(Established by Act of Parliament No. 17 of 1959)

50, சிறீ சிந்தம்பலம் ஏ. காடினர் மாளிகை,  
த. பெ. 540, கொழும்பு 2, சி. இலங்கை.

50, சீர் சிந்தம்பலம் ஏ. காடினர் மாளிகை,  
த. பெ. 540, கொழும்பு 2, சி. இலங்கை.

50, Sir Chintampalam A. Kadiner Malaya,  
P. O. Box 540, Colombo 2, Sri Lanka.

Telephone +094112329544

Fax: +094112329544

Attentions: Chief Engineer Tr. Designs

TD/CE/G/18/01/10

08th July 2013

Chief Engineer (Colombo),  
Road Development Authority,  
No: 15,  
Manthri Place,  
Colombo 05.

**PREPARATORY SURVRY ON TRAFFIC IMPROVEMENT PROJECT AROUND NEW  
KELANI BRIDGE**

**Requesting an estimate for shifting of affected pylon and laying cables underground**

This refers to our letter RDA/CE/COL/BR-8/4 sent on 12<sup>th</sup> June 2013, with regard to the above subject.

The total estimated cost for, shifting two transmission lines as per your request is **One thousand two hundreds forty and eighty eight cents, million Sri Lankan rupees (MLKR 1240.88).**

This is forwarded for your approval and arrangement of funds please.

Thank you,

**Ceylon Electricity Board**

Additional General Manager (Transmission)

Attachments:

- Annex 01 : Detailed BOQ and cost estimation
- Annex 02 : Proposed New line route
- Annex 03 : Special Terminal Tower 220kV
- Annex 03 : Special Terminal Tower 132kV



**Price Proposal for 220kV Transmission line Shifting**

Cable Cost	<u>Rs865,094,993.20</u>	
Over Head Transmission Line Cost	<u>Rs6,098,400.00</u>	Rs871,193,393.20

**Proposal for 132kV Transmission line Shifting**

Cable Cost	<u>Rs361,259,541.65</u>	
Over Head Transmission Line Cost	<u>Rs8,430,305.00</u>	Rs369,689,846.65

Total Cost (Sri Lankan Rupees)		<u>Rs1,240,883,239.85</u>
<b>Total Cost (Million Sri Lankan Rupees)</b>		<b><u>1,240.88</u></b>

## Proposed Compensation Policy

## Appendix 9

The set of additional entitlements are proposed considering the current provisions with the effect of 2008 Regulations under Land Acquisition Act approved by the Parliament of Sri Lanka on 17<sup>th</sup> April 2009, published in the extraordinary gazette notification No. 1596/12 dated 7<sup>th</sup> April 2009 based on the circular No. 4/2008 dated 20.08.2008 and 4/2008(i) dated 06-10-2008 of the Ministry of Land and Land Development. While all the items relevant to the Land Acquisition Act (LAA) are hereby applicable, the entitlements and the limits that are highlighted below are also to be applied in addition to the provisions of 2008 Regulations.

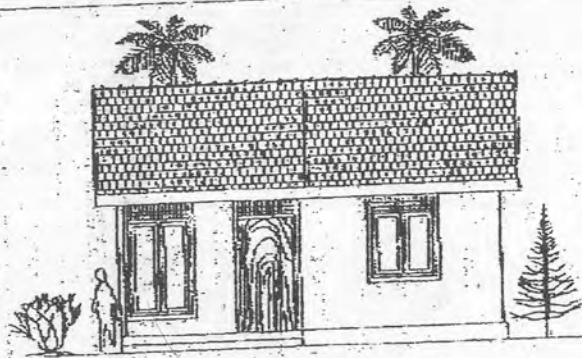
Serial No.	Type of losses	Vulnerable Party	Type of claims	Description
1	Loss of Residential land and structure	Titled owner with deeds	<u>Option 1</u> Self - Relocation	<p>1) All (cash) payments for land at replacement cost (section 17).</p> <p>2) All (cash) payment for the structure OR minimum of Rs. 550,000/= whichever is higher. (Minimum payment based on the estimate for construction of a 550 sq.ft single story dwelling prepared by MHDA)</p> <p>3) Expenses incurred for section 9 inquiry (The amount to be allowed should not exceed Rs. 10,000/=)</p> <p>4) The cost incurred in change of residence - shifting (For houses where floor area is less than 1000 sq.ft. - Rs. 10,000/=)</p> <p>5) Re fixing cost of fixtures and fittings (For houses/residences Rs. 5000/=.)</p> <p>6) Expenses for electricity facility - Rs. 20,000</p> <p>7) Expenses for water facility - Rs. 20,000</p> <p>8) Expenses for telecommunication facility - Rs.10,000</p> <p>9) Expenses for finding alternative accommodation for maximum of 6 months. (Maximum rental Rs. 10,000/= per month for Municipal Council Areas) - Rs. 60,000/=.</p> <p>10) Self relocation allowance (within Municipality area) - Rs. 500,000/=.</p>

				11) Payment for handing over possession of properties before the deadline. 25% of the statutory payment for building.
	Loss of Residential land and structure	Titled owner with deeds	<u>Option 2</u> RDA will give around 6 acres for UDA from Attidiya land and request an apartment from UDA for less than Rs. 3.5 million (cost of land will be deducted from the housing unit cost)  (Housing unit + Land Value)	1) All (cash) payments for land at replacement cost 2) All (cash) payment for the structure OR minimum of Rs. 550,000/= whichever is higher. (Minimum payment based on the estimate for construction of a 550 sq.ft single story dwelling prepared by MHDA) 3) Expenses incurred for section 9 inquiry (The amount to be allowed should not exceed Rs. 10,000/=) 4) The cost incurred in change of residence - shifting (For houses where floor area is less than 1000 sq.ft. - Rs. 10,000/=) 5) Re fixing cost of fixtures and fittings (For houses/residences Rs. 5000/=.) 6) Expenses for electricity facility - Rs. 20,000 7) Expenses for water facility - Rs. 20,000 8) Expenses for telecommunication facility - Rs.10,000 9) Expenses for finding alternative accommodation for maximum of 6 months. (Maximum rental Rs. 10,000/= per month for Municipal Council Areas) - Rs. 60,000/=. 10) Payment for handing over possession of properties before the deadline. 25% of the statutory payment for bidding (section 17) subject to maximum of - Rs. 137,500/=
2	Loss of Residential land and structure	Non Titled owner	<u>Option 1</u> Self - Relocation	1) All (cash) payment for the structure OR minimum of Rs. 550,000/= whichever is higher. (Minimum payment based on the estimate for construction of a 550 sq.ft single story dwelling prepared by MHDA) 2) Expenses incurred for section 9 inquiry (The amount to be allowed should not exceed Rs. 10,000/=)

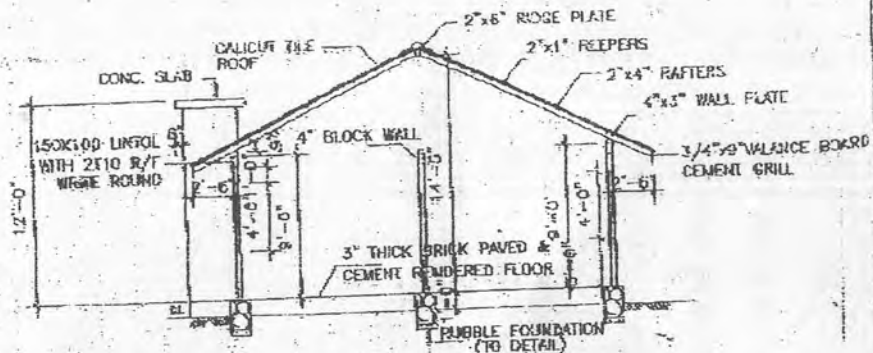
				<p>3) The cost incurred in change of residence - shifting (For houses where floor area is less than 1000 sq.ft. - Rs. 10,000/=)</p> <p>4) Re fixing cost of fixtures and fittings (For houses/residences Rs. 5000/=.)</p> <p>5) Expenses for electricity facility - Rs. 20,000</p> <p>6) Expenses for water facility - Rs. 20,000</p> <p>7) Expenses for telecommunication facility - Rs.10,000</p> <p>8) Expenses for finding alternative accommodation for maximum of 6 months. (Maximum rental Rs. 10,000/= per month for Municipal Council Areas) - Rs. 60,000/=.</p> <p>9) Self relocation allowance - Rs. 500,000/=.</p> <p>10) Payment for handing over possession of properties before the deadline. 25% of the statutory payment for bidding (section 17) subject to maximum of - Rs. 137,500/=.</p>
	Loss of Residential land and structure	Non Titled owner	<p><u>Option 2</u> RDA will give around 6 acres for UDA from Attidiya land and request an apartment from UDA for less than Rs. 3.5 million (cost of land will be deducted from the housing unit cost)</p> <p>Housing UDA in a long term basis.</p>	<p>1) All (cash) payment for the structure OR minimum of Rs. 550,000/= whichever is higher. (Minimum payment based on the estimate for construction of a 550 sq.ft single story dwelling prepared by MHDA)</p> <p>2) Expenses incurred for section 9 inquiry (The amount to be allowed should not exceed Rs. 10,000/=)</p> <p>3) The cost incurred in change of residence - shifting (For houses where floor area is less than 1000 sq.ft. - Rs. 10,000/=)</p> <p>4) Re fixing cost of fixtures and fittings (For houses/residences Rs. 5000/=.)</p> <p>5) Expenses for electricity facility - Rs. 20,000</p> <p>6) Expenses for water facility - Rs. 20,000</p> <p>7) Expenses for telecommunication facility - Rs.10,000</p> <p>8) Expenses for finding alternative accommodation for maximum of 6 months. (Maximum rental Rs. 10,000/= per month for Municipal Council Areas) - Rs. 60,000/=.</p>

				<p>9) Payment for handing over possession of properties before the deadline. 25% of the statutory payment for bidding (section 17) subject to maximum of - Rs. 137,500/=.</p> <p>Total compensation amount Rs. 685,000. This will be the initial payment for the UDA Housing Unit and the balance payment will be compensated by Attidiya land to UDA.</p>
3	Loss of commercial land and structure	Titled owner with deeds	<u>Only option</u> Self Relocation	<p>1) All (cash) payments for land at replacement cost</p> <p>2) All (cash) payment for the structure OR minimum of Rs. 275,000/= whichever is higher.</p> <p>3) Expenses incurred for section 9 inquiry (The amount to be allowed should not exceed Rs. 10,000/=)</p> <p>4) The cost incurred in change of commercial establishment - shifting (For business place where floor area is less than 1000 sq.ft. - Rs. 10,000/=)</p> <p>5) Re fixing cost of fixtures and fittings (For commercial establishment Rs. 5000/=.)</p> <p>6) Loss of earnings - Rs. 15,000/=</p> <p>7) Expenses for electricity facility - Rs. 20,000</p> <p>8) Expenses for water facility - Rs. 20,000</p> <p>9) Expenses for telecommunication facility - Rs.10,000</p> <p>11) Self relocation allowance - Rs. 500,000/=.</p> <p>10) Payment for handing over possession of properties before the deadline. 25% of the statutory payment (Rs. 275,000) for building (section 17) subject to maximum of - Rs. 68,750/=.</p>
4	Loss of commercial land and structure	Non Titled owner	<u>Only option</u> Self Relocation	<p>1) All (cash) payment for the structure OR minimum of Rs. 275,000/= whichever is higher.</p> <p>2) Expenses incurred for section 9 inquiry (The amount to be allowed should not exceed Rs. 10,000/=)</p>

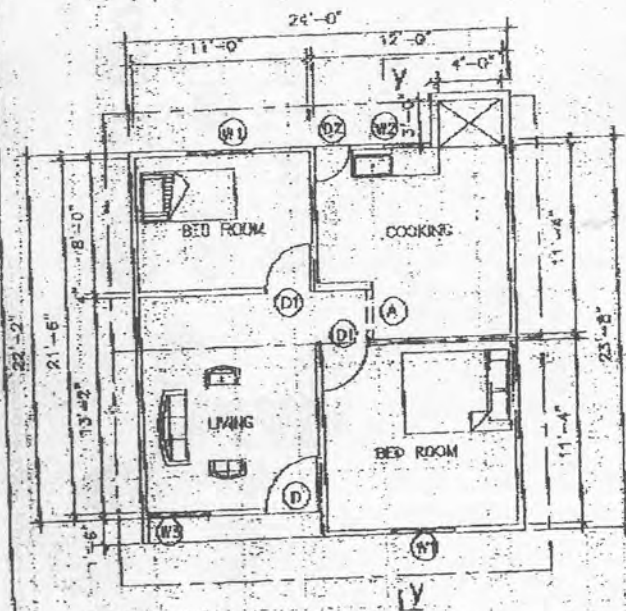
				<p>3) The cost incurred in change of commercial establishment - shifting (For commercial establishment where floor area is less than 1000 sq.ft. - Rs. 10,000/=)</p> <p>4) Re fixing cost of fixtures and fittings (For houses/residences Rs. 5000/=.)</p> <p>5) Loss of earnings - Rs. 15,000/=</p> <p>6) Expenses for electricity facility - Rs. 20,000</p> <p>7) Expenses for water facility - Rs. 20,000</p> <p>8) Expenses for telecommunication facility - Rs.10,000</p> <p>9) Payment for handing over possession of properties before the deadline. 25% of the statutory payment for bidding (section 17) subject to maximum of - Rs. 68,750/=.</p> <p>10) Self relocation allowance - Rs. 500,000/=.</p>
5	Loss of rental accommodation	Person renting in a residential structure owned by a titled owner	Finding alternative accommodation	<p>1) Expenses for finding alternative accommodation for maximum of 3 months. (Maximum rental Rs. 10,000/= per month for Municipal Council Areas) - Rs. 30,000/=.</p> <p>2) The cost incurred in change of change of resident - shifting (For houses where floor area is less than 1000 sq.ft. - Rs. 10,000/=)</p>
6	Loss of Residential land and structure	Sub family	Finding a alternative accommodation	<p>1) 50% of the cash grant as applicable to self relocates - Rs. 275,000</p>
7	Loss of Residential land and structure	Vulnerable People (women headed, elderly, differently able...)		<p>1) Cash allowance - Rs. 15,000/=</p>



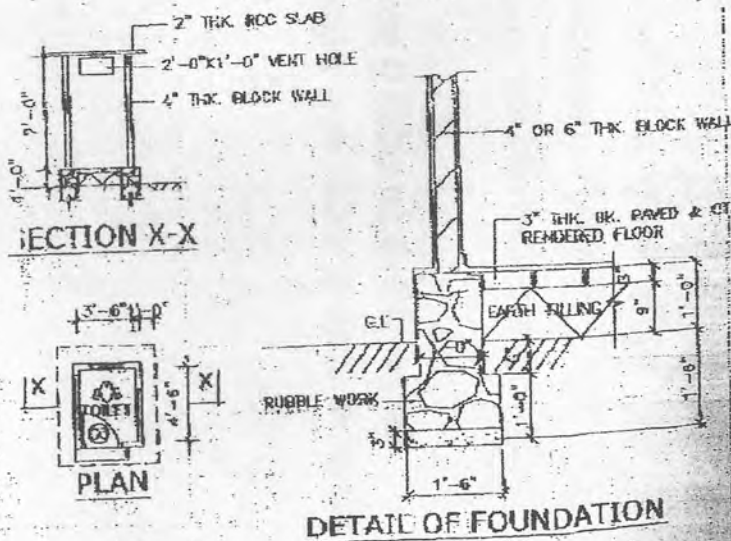
**FRONT ELEVATION**



**SECTION Y-Y**



**FLOOR PLAN**  
FLOOR AREA - 550 Sq.ft



**DETAIL OF FOUNDATION**

**SCHEDULE OF DOORS & WINDOWS.**

TYPE	SIZE	DESCRIPTION	NO
D	3'-6\"/>		
D1	3'-0\"/>		
D2	2'-9\"/>		
D3	2'-6\"/>		
W1	4'-0\"/>		
W2	3'-0\"/>		
W3	6'-0\"/>		
A	3'-0\"/>		

INDIAN HOUSING PROJECT  
TYPE D

PLAN, ELEVATION & SECTION

DESIGNED BY

DRAWN BY

APPROVED BY (Q.E./M.S./E.C.)

CHECKED BY  
D.O.A.

DATE

29/06/2012

SCALE

EIGHT FT. TO AN INCH

DRG. NO: 2744 / D

18

**Bill of Quantities for Lockable House for proposed house -Type: I**  
**Approximate Plinth area -550 sq.ft**

No	Description	Unit	Qty	Rate	Amount
1	Excavation in trenches for foundation and septic tank and depositing excavated material to a distance not exceeding 2.0m.	Cu.m	14.00	500.00	7,000.00
2	75mm thick 1:3:6(38mm) cement concrete screed in foundation.	Cu.m	1.62	9,000.00	14,580.00
3	Random rubble masonry in 1:5 cement mortar in foundation.	Cu.m	14.00	7,500.00	105,000.00
4	Applying DPC on top of foundation with Bitumen	m	48.00	100.00	4,800.00
5	150mm thick Block masonry wall in 1:5 Cement mortar for external wall	Sq.m	76.41	1,200.00	91,692.00
6	100mm thick Block masonry wall in 1:5 Cement mortar for partitions wall, cubical and septic tank	Sq.m	66.83	1,000.00	66,830.00
7	Lintel 100mm x 150mm, cement concrete 1:2:4(20), Reinforcement with 2 No. 10mm tor steel including form work.	m	35.00	750.00	26,250.00
8	Roof, Gable with Calicut pattern tiles on 150x50 ridge plates, 125x75 purling, 100x75 wall plates, 100x50 rafter at 550mm centers and 50x25 reaper at 275 centers in acceptable quality timber frame work including ridging and application of two coats wood preservative.	Sq.m	77.00	1,900.00	146,300.00
9	Earthwork - Back filling & compacting. ( Back filling to trenches with selected earth available at site)	Cu.m	14.00	225.00	3,150.00
10	Provision for cyclone resistance including stiffener columns and roof band & ridge construction	Item	1.00	9,898.00	9,898.00
11	60 mm thick 1:2 1/2:5(25mm) cement concrete in floor	Sq.m	45.00	650.00	29,250.00
12	12mm thick 1:5 cement plastering & finished smooth for entire internal surface & Toilet cubical at 1m height( Prior to plastering provide electrical conduit pipe for future use)	Sq.m	95.00	350.00	33,250.00
	Decorative plaster band (Architrave) around door and window ? Cement grill reveals extending to the external wall surface to form a band of 4" wide	m	50.00	128.00	6,400.00
13	12mm thick 1:2 cement rendering in a room and kitchen	Sq.m	20.00	380.00	7,600.00
14	Doors supplying and fixing of 28mm thick sash and with 100mm x 75mm frames with acceptable quality timber with iron oxi. fittings & motlee lock	No	2.00	9,000.00	18,000.00
15	Window supplying and fixing 28mm thick sash and with 100mm x 75mm frames with acceptable quality timber with iron oxi. Fittings or fixing safety grill;	No	4.00	7,000.00	28,000.00
16	Supplying and fixing squatting pan with footrest. Rate including plumbing	Item	1	6,000.00	6,000.00
17	Toilet door	No	1	4,000.00	4,000.00
18	75mm thick 1:2:4 concrete for slab including R/F 10mm B/W at 200mm spacing including formwork in chimney and toilet slab	Sq.m	5.00	1,800.00	9,000.00
<b>Grand total for lockable house including unskilled labour</b>			<b>Rs</b>		<b>617,000.00</b>
<b>Unskilled labour</b>				<b>67,000.00</b>	
<b>Total amount for lockable house excluding 2/3rd of unskilled labour</b>			<b>Rs</b>		<b>550,000.00</b>



# **Memorandum of Understanding**

Between

The Road Development Authority

&

The National Apprentice and Industrial Training Authority

&

The Vocational Training Authority

For

Relocation of the Automobile Engineering Training Institute to the land of  
Vocational Training Authority for the Construction  
of new bridge construction over Kelani River

This Memorandum of Understanding (hereinafter referred to as MOU ) made and entered into on this 23 day of October 2013 between the Road Development Authority (established by the Road Development Authority Act No. 73 of 1981, amended by Act No. 37 of 2009) Sethsiripaya, Battaramulla of the Democratic Socialist Republic of Sri Lanka (hereinafter referred to as RDA) on the One part and the National Apprentice and Industrial Training Authority (established by the National Apprenticeship Act No.49 of 1971, amended by Part (ii) of Tertiary and Vocational Education Act No. 20 of 1990 ) of No. 971, Sri Jayawardenapura Mawatha, Welikada, Rajagiriya (hereinafter referred to as NAITA ) on the Second part and the Vocational Training Authority (established by the Vocational Training Authority Act No. 12 of 1995) of No. 354/2, "Nipunatha Piyasa", Elvitigala Mawatha, Narahenpita, Colombo 05, (hereinafter referred to as VTA ) on the third part .

WHEREAS the Road Development Authority has submitted a conceptual proposal to construct an additional bridge over Kelani River at Peliyagoda closer to the existing new Kelani Bridge in Collaboration with the Japan International Cooperation Agency ( JICA ) (hereinafter referred to as the proposed bridge Project ) to minimize the present traffic congestion in the area.

AND whereas the proposed bridge project consists of a six lane bridge across the Kelani River connecting to Colombo - Katunayake Expressway and Interchange at Bandaranayaka roundabout, an elevated road links to the port access road and the Baseline road.

AND WHEREAS the NAITA has three National Institutions under their preview.

AND WHEREAS Automobile Engineering Training Institute (hereinafter referred as AETI) is one such National Institutions.

AND WHEREAS due to the proposed bridge Project the land possessed by the AETI will be affected and it is agreed to relocate the AETI to the premises of VTA as both organizations comes under the Ministry of Youth Affairs and Skill Development, to continue their functions without any interruptions .

AND WHEREAS the affected extent of NAITA land will be compensated to the equal extent of land at Attidiya which belongs to the RDA.

The Understanding between the parties is as follows.

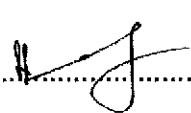
1. The RDA requires the land which possessed by AETI for the construction of proposed bridge project.
2. The AETI agrees to relocate to the premises of VTA at Orugodawatte.
3. The VTA will allow the AETI to construct their building complex in the land which they owned at Orugodawatte after deducting a part of 03 acres and 2 roods.
4. The RDA agrees to handover the similar extent from the land at Attidiya which belong to RDA to VTA to compensate for the affected extent of land.
5. Removal and relocation of equipments of AETI will be executed under the Civil Work construction and will be insured under the civil work construction.
6. The RDA agrees to construct a new building before demolishing existing AETI building , to fulfill the existing requirements before commencement of proposed bridge project.
7. The AETI will vacate the present location before commencement of the proposed bridge project.
8. Any dispute arising out of or in connection with this MOU, including any questions regarding its existence, validity or termination, shall be resolved mutually by the parties.

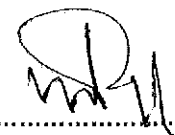
9. The law of the Democratic Socialist Republic of Sri Lanka shall be the applicable law.

10. This MOU is concluded and made in the English Language in Three Originals and each part shall have a copy thereof.

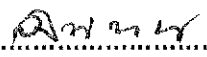
11. This MOU shall become effective upon signing by the parties.

12. IN WITNESS WHERE OF the undersigned representatives of the parties being duly authorized to do so, have signed this MOU.

  
.....  
Chairman  
**R. W. R. PEMASIRI**  
Acting Chairman  
Road Development Authority

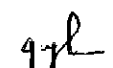
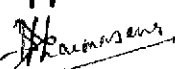

  
.....  
Chairman  
**Chandana Arunadeva**  
Chairman  
National Apprentice &  
Industrial Training Authority  
971, Sri Jayawardenapura Mawatha,  
Welikada, Rajagiriya.

Chairman  
National Apprentice and Industrial Training Authority

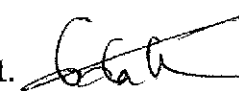

  
.....  
Board Member  
Road Development Authority

**O. RATHNAWEERA**  
Working Director &  
Board Member  
Road Development Authority

Witness

1.   
2.   
  
.....  
Chairman  
Vocational Training Authority

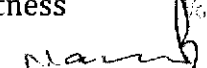

Witness

1.   
2.   
.....  
Eng. (Mrs) Pradeepa Udakara  
Director General  
National Apprentice & Industrial Training Authority  
971, Sri Jayawardenapura Mawatha,  
Welikada, Rajagiriya.

**P. U. S. KARIYAWASAM**  
Legal Officer,  
National Apprentice and  
Industrial Training Authority,  
971, Sri Jayawardenapura Mawatha,  
Welikada, Rajagiriya.

**CHAIRMAN**  
**VOCATIONAL TRAINING AUTHORITY OF SRI LANKA**  
**"NIPUNATHA PIYASA"**  
**354/2, ELVITIGALA MAWATHA,**  
**NARAHENPITA - COLOMBO 05.**

Witness

1.   
2.   
.....  
**Eranga Jinadasa (I.L.S.)**  
Legal Officer  
Vocational Training Authority of Sri Lanka  
354/2, Elvitigala Mawatha, Narahenpita,  
Colombo 05.

Director (Research and Planning)  
Vocational Training Authority of Sri Lanka,  
"Nipunatha Piyasa"  
354/2, Elvitigala Mawatha,  
Narahenpita, Colombo 05.

Memorandum of Understanding  
354/2, Elvitigala Mawatha, Narahenpita,  
Colombo 05.

## Memorandum of Understanding

Between

The Road Development Authority

&

The Atomic Energy Authority

For

Relocation of the Atomic Energy Authority for the  
Construction

of new bridge construction over Kelani River

This Memorandum of Understanding (hereinafter referred to as MOU ) made and entered into on the 25<sup>th</sup> day of October 2013 between the Road Development Authority (established by the Road Development Authority Act No. 73 of 1981, amended by Act No. 37 of 2009) of Sethsiripaya, Battaramulla of the Democratic Socialist Republic of Sri Lanka (hereinafter referred to as RDA) on the One part and the Atomic Energy Authority (established by the Atomic Energy Authority Act No.19 of 1969) of No.60/460, Baseline road, Orugodawatte, Wellampitiya (hereinafter referred to as AEA) on the Second part.

WHEREAS the RDA has submitted a conceptual proposal to construct an additional bridge over Kelani River at Peliyagoda closer to the existing new Kelani Bridge in collaboration with the Japan International Cooperation Agency ( JICA) (hereinafter referred to as the proposed bridge Project ) to minimize the present traffic congestion in the area.

R  
J

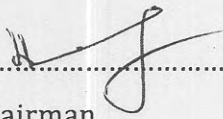
AND WHEREAS the proposed bridge project consists of a six lane bridge across the Kelani River connecting to Colombo – Katunayake Expressway and Interchange at Bandaranayaka roundabout, an elevated road links to the port access road and the Baseline road.

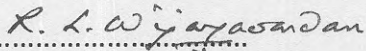
AND WHEREAS due to the proposed bridge Project, the land and the building complex of the AEA will be affected and it is agreed to relocate the AEA at Information Technology Park at Malabe to continue their functions without any interruptions.

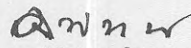
The Understanding between the parties is as follows.

1. The RDA requires the land which possessed by AEA for the construction of proposed bridge project.
2. The AEA agrees to relocate its building complex at Information Technology Park at Malabe.
3. The RDA agrees to construct a new building before demolishing the existing AEA building complex to fulfill the existing requirements before the commencement of the proposed bridge project.
4. The AEA will vacate the present location before the commencement of the proposed bridge project.
5. Any dispute arising out of or in connection with this MOU, including any questions regarding its existence, validity or termination, shall be resolved mutually by the parties.
6. The law of the Democratic Socialist Republic of Sri Lanka shall be the applicable law.

9. IN WITNESS WHERE OF the undersigned representatives of the parties being duly authorized to do so, have signed this MOU in presence of the witnesses.


  
.....  
Chairman  
Road Development Authority

  
.....  
Chairman  
Atomic Energy Authority


  
Board Member  
RDA  
**O. RATHNAWEERA**  
Working Director &  
Board Member  
Road Development Authority  
(Common Seal)

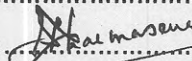
  
(Common Seal)

**Witnesses**

1. Name: D.A.S. Jayasekara  
Address: Nuss Kelani Bridge construction project  
wing C, 1<sup>st</sup> Floor, Sethsiripaya II, Battaramulla  
NIC No: 667300819V  
Signature: 

**Witnesses**

1. Name: D.C. Uthirapaneayake  
Address: 60/460, Baseline Road,  
Orugodawatta, Wellampitiya  
NIC No: SS1420876V  
Signature: 

2. Name: F.K.S.D. Senathilleke  
Address: Legal Division, RDA,  
9<sup>th</sup> Floor, Sethsiripaya II, Battaramulla  
NIC No: 787133347V  
Signature: 

2. Name: R.H.N. Neethangani  
Address: 60/460, Baseline Rd.,  
Orugodawatta, Wellampitiya  
NIC No: 685560406V  
Signature: 