1.0 GENERAL INTRODUCTION

Good Neighbors International (GNI) Nepal has been working in Nepal since 2002 with the objective of improving lives of the poor people especially children through education, child protection, and income generating activities, health, WASH, and disaster risk reduction. GNI Nepal has been operating its activities in 20 districts.

GNI Nepal with support from the Korea International Cooperation Agency (KOICA) has been implementing Health System Recovery Project (HSRP) in two Municipalities and five Rural Municipalities of Nuwakot District since December 2015 with the major objective of improving the health status and psychosocial well-being of community members through post-disaster recovery. In total, 10 former VDCs of Nuwakot (Belkot, Charchare, Duippal, Ghyangphedi, Likhu, Okharpauwa, Panchakanya, Ratmate, Suryamati and Thaprek) are the working areas of HSRP.

One of the major objectives of the project is to recover and making functional health facilities to strengthen the quality health services. Ten health posts district are being constructed in Nuwakot under KOICA fund. As some of health posts have been completed and handed over to HFOMC/DPHO and other are near to complete. GNI Nepal/HSRP Nuwakot has responsibility to supply required medical equipment and furniture.
2.0 OBJECTIVES

There is a need to supply a steel basin/counter at Sluice room of HP building which was missed in original estimation of HP building construction. The objective of this assignment is to supply and install steel counter in Sluice Room of newly constructed HP building.

3.0 SCOPE OF THE WORK

Selected firm/company/supplier is expected to deliver the following:

1. Manufacture steel basin/counter as per specified design and specification and dimensions of basin as per site conditions.

2. Physical Verification and getting approval of basin/counter from representative of GNI

3. Supply 10 steel counters/basins- One steel basin/counter to each health post with necessary fittings as detailed in the design drawing.

4. Provide maintenance and after sales services if required

The specifications and design is mentioned in ‘Basic and Detailed Drawings’.

4.0 BIDDING DOCUMENTS

The Scope of Work, Bidding Procedures and Contract Terms are described in TOR. The bidder is expected to examine the bidding Documents, including TOR. Failure to furnish all information required by the Bidding Documents or submission of a Bid not substantially responsive to the Bidding Documents in every aspect may result in the rejection of the Bid.

5. PREPARATION OF BID

5.1 Language of Bid

The bid prepared by the bidder, and all correspondence and documents relating to the Bid exchanged by the bidder and the purchaser, shall be written either in English or Nepali Language.

5.2 Documents Comprising the Bid

The Bid prepared and submitted by the Bidder shall comprise the following components:

Bid Form & other Schedules (STRICTLY AS PER FORMAT) and Technical Data Sheets completed as per Technical Specification.

5.3 Bid Price

5.3.1 Bidders shall quote for the entire scope of supply with a breakdown of prices for individual items. The total Bid price shall also cover all the supplier’s obligations mentioned in or reasonably
to be inferred from the bidding documents in respect of design, supply, transportation to site, all in accordance with the requirement of bidding documents. The bidder shall complete the appropriate price schedules included herein, stating the unit price for each item & total price.

5.3.2 The prices offered shall be inclusive of all costs as well as duties, Taxes and during execution of the supply work, break up of price constituents, should be there.

5.4.5 Prices quoted by the bidder shall be “Firm” and not subject to any price adjustment during the performance of the contract. A bid submitted with an adjustable price quotation will be treated as non-responsive and rejected.

5.4 Bid Currencies
Prices shall be quoted in only Nepalese Rupees both in numbers and in words.

5.5 Period of Validity of Bid
5.5.1 Bids shall remain valid for 365 days from the date of opening of the bid.

5.6.2 The purchaser may solicit the bidder's consent to an extension of the period of bid validity. The request and the responses thereto shall be made in writing by Fax/e-mail.

5.7 Format and Signing of Bid
5.7.1 The original copy of the bid shall be typed or written in indelible ink and shall be signed by the bidder or a person or persons duly authorized to sign on behalf of the bidder. Such authorization shall be indicated by written power-of-Attorney accompanying the bid.

5.7.2 The bid shall contain no interlineations, erasures or overwriting except as necessary to correct errors made by the bidder, in which case such corrections shall be initialed by the person or persons signing the bid.

6.0 SUBMISSION OF BIDS

6.1 Sealing and Marking of Bid
6.1.1 Bid submission: Original Copy (hard copies) of all the Bid Documents shall be sealed and submitted to the Purchaser before the closing time for submission of the bid.

All the envelopes should bear the Name and Address of the Bidder and marking for the Original Copy. The envelopes should be super scribed with “Bid for supplying Steel counter/basin for HSRP, Nuwakot”.

6.1.2 The Bidder has the option of sending the bids in person. Bids submitted by Telex/Telegram/Fax will not be accepted.

Each Bidder shall submit only one Bid either by itself, or as a partner in a Joint Venture. A Bidder who submits or participates in more than one Bid will cause all those Bids to be rejected.
6.2 Late Bids
Any Bid received by GNI-Nepal/ HSRP Nuwakot after the deadline for submission of Bids will be declared "Late" or “Rejected” and will not be included in further selection process.

7.0 EVALUATION OF BID

7.1 Process to be Confidential
Information relating to the examination, clarification, evaluation and comparison of Bids and recommendations for the award of a contract shall not be disclosed to Bidders or any other persons not officially concerned with such process. Any effort by a Bidder to influence the Purchaser's processing of Bids or award decisions may result in the rejection of the Bidder's Bid.

7.2 Clarification of Bids
To assist in the examination, evaluation and comparison of Bids, the Purchaser may, at its discretion, ask the Bidder for a clarification of its Bid. All responses to requests for clarification shall be in writing and no change in the price or substance of the Bid shall be sought, offered or permitted.

8.0 PRELIMINARY EXAMINATION OF BIDS / RESPONSIVENESS

8.1 Purchaser will examine the Bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the Bids are generally in order.

8.2 Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price per item that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price per item will be corrected. If there is a discrepancy between the Total Amount and the sum of the total price per item, the sum of the total price per item shall prevail and the Total Amount will be corrected.

8.3 Prior to the detailed evaluation, Purchaser will determine the substantial responsiveness of each Bid to the Bidding documents including production capability and acceptable quality of the Goods offered. A substantially responsive Bid is one, which conforms to all the terms and conditions of the Bidding Documents without material deviation.

8.4 A Bid determined as not substantially responsive will be rejected by the Purchaser.

9.0 EVALUATION AND COMPARISON OF BIDS
The evaluation of Bids shall be done based on the delivered cost competitiveness basis and bidder's experiences in similar supplies.
10.0 PROCESS TO AWARD THE CONTRACT

10.1 CONTACTING THE PURCHASER

10.1.1 From the time of Bid opening to the time of contract award, if any Bidder wishes to contact the Purchaser on any matter related to the Bid, it should do so in writing.

10.1.2 Any effort by a Bidder to influence the Purchaser and / or in the Purchaser's decisions in respect of Bid evaluation, Bid comparison or Contract Award, will result in the rejection of the Bidder's Bid.

11.0 THE PURCHASER’S RIGHT TO ACCEPT ANY BID AND TO REJECT ANY OR ALL BIDS

The Purchaser reserves the right to accept or reject any Bid at any time prior to award of Contract, without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the grounds for the Purchaser's action.

12.0 THE PURCHASER’S RIGHT TO VARY QUANTITIES

The Purchaser reserves the right to vary the quantity i.e. increase or decrease the numbers/ quantities without any change in terms and conditions during the execution of the Order.

13.0 LETTER OF INTENT/ NOTIFICATION OF AWARD

The letter of intent / Notification of award shall be issued to the successful Bidder whose bids have been considered responsive, techno-commercially acceptable and evaluated to be the lowest. The successful Bidder shall be required to furnish a letter of acceptance within 5 days of issue of the letter of intent / Notification of Award by Purchaser.

14.0 DURATION

The successful bidder should start working in the scope of works immediately after signing the agreement. The supplier should supply and install steel counter/ basin within 15 days of purchase order.

15.0 BUDGET AND MODE OF PAYMENT

The successful supplier shall submit budget sheet with detailed breakdown including applicable taxes at the time of proposal submission.

a. The payment shall be made to the bank account of the company/firm

b. The payment shall be made through Account Payee cheque.
HSRP project Office shall release 25% of the agreed amount as an advance upon signing the agreement. Upon delivery of all ordered materials in proper condition and quality and upon receipt of bills/invoices, the project office shall release the remaining amount.

16.0 GENERAL QUALIFICATION OF THE FIRM

All public, private and non-governmental organization/ firms/company registered under the authorized agency of the government of Nepal having the proven experience in the related field are eligible to submit the Bid.

The company/firm with expertise as outlined below
a) Proven knowledge and experience of the work in relevant areas
b) Ability to maintaining transparency and accountability
c) Company/firm/supplier should have PAN, Company registration, VAT registration and Tax clearance certificates etc.

17.0 RESPONSIBILITIES OF THE COMPANY/FIRM

The company/firm will be responsible to accomplish the task outlined in this ToR and ensure the delivery of outputs stated above within the agreed budget and timeline.

18.0 RESPONSIBILITIES OF GNI Nepal/ HSRP PROJECT OFFICE Nuwakot

Remaining within the policies and practices of organizations involved in process, its primary responsibility is to help company/firm to achieve the objective of this TOR.

19.0 DOCUMENTS TO BE SUBMITTED BY THE BIDDER

a. A copy of company/firm registration
b. A copy of Tax clearance certificate(latest)
c. VAT and PAN registration
d. Audit Report (latest)
e. Organization’s profile
f. Statements and documents, if any, acknowledging the individual and/or company’s capability for carrying out the similar kind of services
g. Testimonials/ References
h. Any other relevant documents
20.0 MANAGEMENT OF THE WORK

The selected company/firm shall manage the assignment and be accountable for the timely delivery of the expected quality service. The selected company/firm shall perform task in coordination with HSRP, Nuwakot.

21.0 TERMINATION OF THE CONTRACT

The agreement, if the company/firm commits a breach in the performance or observance of any of its obligations under this ToR. The company/firm shall be notified in written form seven days prior to the termination of the agreement.

22.0 CONFIDENTIALITY

During the performance of the assignment or any time after expiry or termination of the agreement, the company/firm shall not disclose to any person or otherwise make use of any confidential information which the company/firm has obtained or may obtain in the course of the project to the consortium, the respondents or otherwise.

23.0 HOW TO SUBMIT THE PROPOSAL/BID

The proposal/bid should reach the address below via courier or hand delivery by the 31 August, 2018, 17 hrs (Local Time). Please, enclose the proposal in an envelope, _do seal_ and mark it with "ITB for Supplying Steel Counter/Basin for HSRP, Nuwakot" and send to:

**Health System Recovery Project**
Good Neighbors International Nepal
Bidur- 4, Nuwakot
Or
**Good Neighbors International Nepal**
Ekantakuna-13, Lalitpur
GPO Box 8975, EPC 1605
Kathmandu, Nepal
### Annex 1:
List of Health Posts

<table>
<thead>
<tr>
<th>S.N.</th>
<th>Name of Health Post</th>
<th>Rural/Municipality</th>
<th>VDC (former)</th>
<th>Estimated travel time (vehicle) from Bidur</th>
<th>Road condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Charghare HP</td>
<td>Bidur Municipality-12</td>
<td>Charghare</td>
<td>1 hour</td>
<td>Off road</td>
</tr>
<tr>
<td>2</td>
<td>Ratmate HP</td>
<td>Belkotgadhi Municipalit y-7</td>
<td>Ratmate</td>
<td>1 hour</td>
<td>Black topped</td>
</tr>
<tr>
<td>3</td>
<td>Panchakanya 1</td>
<td>Panchakanya R. Municipality-3</td>
<td>Panchakanya</td>
<td>3 hours</td>
<td>Off road</td>
</tr>
<tr>
<td>4</td>
<td>Belkot HP</td>
<td>Belkotgadhi Municipalit y-11</td>
<td>Belkot</td>
<td>1.5 hour</td>
<td>Black topped</td>
</tr>
<tr>
<td>5</td>
<td>Sisdol HP</td>
<td>Kakani R. Municipality-1</td>
<td>Okharpauwa</td>
<td>3 hours</td>
<td>Black topped</td>
</tr>
<tr>
<td>6</td>
<td>Sallemaidan HP</td>
<td>Shivapuri R. Municipality-3</td>
<td>Likhu</td>
<td>3 hours</td>
<td>Off road</td>
</tr>
<tr>
<td>7</td>
<td>Panchakanya HP</td>
<td>Panchakanya R. Municipality-3</td>
<td>Panchakanya</td>
<td>3 hours</td>
<td>Off road</td>
</tr>
<tr>
<td>8</td>
<td>Thaprek HP</td>
<td>Panchakanya R. Municipality-4</td>
<td>Thaprek</td>
<td>3 hours</td>
<td>Off road</td>
</tr>
<tr>
<td>9</td>
<td>Ghyangfedi HP</td>
<td>Dupcheshwor R. Municipality-1</td>
<td>Ghyangfedi</td>
<td>4 hours</td>
<td>Off road</td>
</tr>
<tr>
<td>10</td>
<td>Suryamati HP</td>
<td>Likhu Rural Municipality-3</td>
<td>Suryamati</td>
<td>1 hour</td>
<td>Semi-off road</td>
</tr>
</tbody>
</table>
Annex 2
Architectural Design of Steel Basin
# Health System Recovery Project, Nuwakot

**Bidding form**

Name of firm: __________________________________________________________

<table>
<thead>
<tr>
<th>SN</th>
<th>Particulars</th>
<th>Required quantity</th>
<th>Size (LxBxH)</th>
<th>Specifications</th>
<th>Rate (Inclusive of taxes)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Steel Basin/Counter</td>
<td>10</td>
<td>2200 x 600 x 800 + 150</td>
<td>As per detailed design drawing In Post Disaster Reconstruction of Health Post Buildings Nuwakot, Nepal Basic and Detailed Drawings (It may vary depending upon site locations. (0-5)% from designed dimensions)</td>
<td>In figure</td>
<td>In words</td>
</tr>
<tr>
<td>2</td>
<td>Delivery cost</td>
<td>10 health posts</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Post Disaster Reconstruction of Health Post Buildings Nuwakot, Nepal
Basic and Detailed Drawings

26 October 2017
<table>
<thead>
<tr>
<th>Room NO.</th>
<th>Room Name</th>
<th>Floor</th>
<th>Baseboard</th>
<th>Wall</th>
<th>Ceiling</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>101</td>
<td>REGISTRATION/ RECEPTION</td>
<td>Cement mortar</td>
<td>Floor Tile</td>
<td>-</td>
<td>Tile</td>
<td>Glass wool</td>
</tr>
<tr>
<td>102</td>
<td>STORE</td>
<td>Cement mortar</td>
<td>PCV Flooring</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>103</td>
<td>AUTO- CLAVE</td>
<td>Cement mortar</td>
<td>PCV Flooring (Welded joint)</td>
<td>-</td>
<td>Covered corner</td>
<td>-</td>
</tr>
<tr>
<td>104</td>
<td>CLINIC/ADMIN</td>
<td>Cement mortar</td>
<td>PCV Flooring (Welded joint)</td>
<td>-</td>
<td>Covered corner</td>
<td>-</td>
</tr>
<tr>
<td>105</td>
<td>ANTE-/POST- NATAL DEBIS</td>
<td>Cement mortar</td>
<td>PCV Flooring (Welded joint)</td>
<td>-</td>
<td>Covered corner</td>
<td>-</td>
</tr>
<tr>
<td>105-1</td>
<td>TOILET-2</td>
<td>Permeable water/gradient mortar</td>
<td>Floor Tile</td>
<td>-</td>
<td>Tile</td>
<td>Glass wool</td>
</tr>
<tr>
<td>106</td>
<td>DELIVERY ROOM</td>
<td>Cement mortar</td>
<td>PCV Flooring (Welded joint)</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>107</td>
<td>SLUICE</td>
<td>Cement mortar</td>
<td>PCV Flooring (Welded joint)</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>108</td>
<td>TOILET-1</td>
<td>Permeable water/gradient mortar</td>
<td>Floor Tile</td>
<td>-</td>
<td>Tile</td>
<td>Glass wool</td>
</tr>
<tr>
<td>201</td>
<td>STAFF RESIDENCE-1</td>
<td>Cement mortar</td>
<td>PCV Flooring (Welded joint)</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>201-1</td>
<td>TOILET-2</td>
<td>Permeable water/gradient mortar</td>
<td>Floor Tile</td>
<td>-</td>
<td>Tile</td>
<td>Glass wool</td>
</tr>
<tr>
<td>202</td>
<td>STAFF RESIDENCE-2</td>
<td>Cement mortar</td>
<td>PCV Flooring (Welded joint)</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>202-2</td>
<td>TOILET-4</td>
<td>Permeable water/gradient mortar</td>
<td>Floor Tile</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Passage and Ramp**
White Cement Mortar
Terrazzo

**NOTE**
Please refer to the "Standard Guidelines for Post-Disaster Reconstruction of Health Buildings"
WALL TILE UPTO 600 MM

TILE (ANTI-BACTERIAL)

GROUT CAULKING

SILICON HIGH QUALITY ADHESIVE

CHROME PLATED SINGLE LEVER ELBOW OPERATED SURGICAL MIXER

STEEL COUNTER OF HEIGHT 800 MM

COLD

HOT

ANGLE VALVE

PVC FLOORING

FRONT ELEVATION
STEEL COUNTER OF DELIVERY ROOM
SCALE: 1/30(A3)

SIDE ELEVATION
SCALE: 1/30(A3)

ISOMETRIC VIEW
SCALE: 1/30(A3)

FRONT ELEVATION
STEEL COUNTER OF AUTO-CLAVE
SCALE: 1/30(A3)

SIDE ELEVATION
STEEL COUNTER OF AUTO-CLAVE
SCALE: 1/30(A3)

STEEL COUNTER OF 16 GAUGE THICKNESS AND 304 QUALITY PRIME GRADE

STAINLESS STEEL PLATE

STAINLESS STEEL PIPE

± 0000 mm LVL.

PVC FLOORING

STEEL COUNTER OF HEIGHT 800 MM

CHROME PLATED SINGLE LEVER ELBOW OPERATED SURGICAL MIXER

SILICON HIGH QUALITY ADHESIVE

STEEL COUNTER OF 16 GAUGE THICKNESS AND 304 QUALITY PRIME GRADE

STAINLESS STEEL PLATE

STAINLESS STEEL PIPE

± 0000 mm LVL.

PVC FLOORING

Nuwakot Health Post Project
STAINLESS STEEL PLATE
30mm X 30mm SQUARE PIPE
STAINLESS STEEL PIPE
WALL TILE UPTO 600 MM
TILE (ANTI-BACTERIAL) GROUT CAULKING
STEEL COUNTER OF 16 GAUGE THICKNESS AND 304 QUALITY PRIME GRADE
STAINLESS STEEL PLATE
STAINLESS STEEL PIPE
± 0000 mm LVL.
-10 mm LVL.
STEEL COUNTER OF 16 GAUGE THICKNESS AND 304 QUALITY PRIME GRADE
CHROME PLATED SINGLE LEVER ELBOW OPERATED SURGICAL MIXER
COLD
HOT
ANGLE VALVE
STEEL COUNTER OF 16 GAUGE THICKNESS AND 304 QUALITY PRIME GRADE
CHROME PLATED SINGLE LEVER ELBOW OPERATED SURGICAL MIXER
COLD
HOT
ANGLE VALVE
STAINLESS STEEL PLATE
STAINLESS STEEL PIPE
± 0000 mm LVL.
-10 mm LVL.
PVC FLOORING

NOTE
- Walls between health functional rooms and staff residence zone will be a firewall.
- All stainless steel pipes and fittings shall be grade 304.
- All nursing station sinks shall be single lever sink operated stainless steel.
- All stainless steel sink basins and drains shall be single lever sink operated stainless steel.
- Chromeplated single lever sink operated surgical mixer.
- Silicone high quality adhesive.

PLAN OF SLUICE

SCALE 1/20(A3)

Nuwakot Health Post Project

SCALE 1/20(A3)

SIDE ELEVATION OF STEEL COUNTER

SECTION OF STEEL COUNTER

FRONT ELEVATION OF SLUICE

STEEL COUNTER OF SLUICE
PLAN OF SCRUB SINK
STAINLESS STEEL SCRUB SINK
SCALE: 1/20(A3)

SIDE ELEVATION
SCALE: 1/20(A3)

FRONT ELEVATION
SCALE: 1/20(A3)

SECTION AT A-A'
SCALE: 1/20(A3)

Elbow Operating Tap is applicable for Delivery Room and Scrub Sink
Nuwakot Health Post Project

NOTE:
- Have existing in the windows, make sure to measure the actual size of the site and prepare a shop drawing and obtain the approval from the supervising architect.

ALUMINIUM WINDOW DETAIL

SCALE: 1/10(A3)
SOAK PIT PLAN
SCALE 1/20 (A3)

SOAK PIT COVER
SCALE 1/20 (A3)

EFFLUENT FROM SEPTIC TANK
GROUND LVL

R.C.C SLAB WITH MANHOLE COVER

36" DIA. RCC RING WITH 20CM HT. AND 5CM THICK

300ø-500ø MANHOLE COVER

BRICK BAT FILLING OR EQUIVALENT

SECTION AT A-A'
SCALE 1/20 (A3)
MANHOLE
(2'-0"x 2'-0")

1 LAYER FLAT BRICK SOLING

PRECAST R.C.C. SLAB (G.I. COVER)

2" THICK P.C.C. BENCHED

G.L.

OUTLET

INLET

7mm ø 4" c/c BOTH WAY

4" ø SOIL PIPE

OUTLET

4" ø SOIL PIPE

INLET

1 LAYER FLAT BRICK SOLING

PRECAST R.C.C. SLAB (G.I. COVER)

40x40x3.5 ANGLE FRAME

DEPTH AS REQUIRED FROM

NAHANI TRAP

SECTION AT A-A'

SCALE 1/15(A3)

SECTION AT B-B'

SCALE 1/15(A3)

Nahani Trap Detail

Scale: 1/15

Nuwakot Health Post Project
Gate and Window Grill Details
PURLINS AND ROOF JOIST
80X40X3.2mm

STRUCTURE

SIZE

REMARKS

COLUMNS
72X72X8mm

COLUMNS
72X72X4.8mm

COLUMNS
72X72X3.2mm

RAFTERS AND TIE OF TRUSS
46.5X49.5X2.6mm

STRUT OF TRUSS
40X40X2.6mm

PURLINS
80X40X2.6mm

PURLINS AND ROOF JOIST
80X40X3.2mm

WIND BRACING
16mm Dia Rod

Colored CGI Roofing Glasswool Insulated

GUTTER 150 X 150
STONE MASONRY (CM 1:4)

DRY STONE SOLING

DETAIL "A"

250mm THICK COMPACTED EARTH FILL

200mm THICK RCC SLAB

200mm STONE SOLING

DETAIL "B"

COLUMN PLAN

(REINFORCEMENT DETAILS)

SECTION C - C

DETIAL "B"

Concreting work to be done after fixing of column

12mm Thick Base Plate connected to RCC Column

Plan

SECTIONAL ELEVATION

STONE MASONRY (1:4 CM)

STONE SOLING

Nuwakot Health Post Project
LED light (10W)
Wall Mounted Light 5 W
Exhaust Fan
Light Switch +5A socket
15 A 3 pin socket with switch
Switch
Number of Switch
n No. of Wire
DB box
Telephone connection
S= light switch P= Power socket
SB= switch with backup supply

CIRCUIT CLASSIFICATION FOR BACKUP SYSTEM
WITH BACKUP

SB1, SB2, SB3, SB4, SB5, SB8, SB10, SB11

Nuwakot Health Post Project

Note: 

Date: 1/09/2017

Drawing No.: F-09

UNDP

LIGHTING PLAN
CIRCUIT CLASSIFICATION FOR BACKUP SYSTEM

WITH BACKUP

P2
P8

Wall Mounted Light 5 W
Exhaust Fan
Light Switch +5A socket
15 A 3 pin socket with switch
Switch
Number of Switch
n No. of Wire
DB box
Telephone connection

S= light switch P= Power socket
SB= switch with backup supply

POWER SOCKET PLAN

Nuwakot Health Post Project
Fig 1: Outer look of Main Control Panel

Fig 2: Internal Wiring of Main Control Panel

L = Light MCB
PS = Power Socket
F = Fan MCB
S = Spare MCB
P = Passage MCB

Nuwakot Health Post Project
Connection of power socket to power socket MCB

Pr1, P1, P2, P3, P15
Pr2, P4, P5, P6
Pr3, P7, P8
Pr4, P9, P10, P11
Pr5, P12, P13, P14
Pr6, P16, P17, P18
Pr7, P19, P20, P21

Pr1 = Power socket MCB room one
Schematic drawing of pipeline

all dimension are in mm,
Schematic drawing of pipeline

all dimension are in mm,